

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT ☐  
(highlight changes)

<b>APPLICATION FOR PERMIT TO DRILL</b>				5. MINERAL LEASE NO: <b>UTU-82153</b>	6. SURFACE <b>Federal</b>
1A. TYPE OF WORK: DRILL <input checked="" type="checkbox"/> REENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/>				7. IF INDIAN, ALLOTTEE OR TRIBE NAME: n/a	
B. TYPE OF WELL: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER _____ SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>				8. UNIT or CA AGREEMENT NAME: n/a	
2. NAME OF OPERATOR: <b>Delta Petroleum Corporation</b>				9. WELL NAME and NUMBER: <b>Federal #11-24</b>	
3. ADDRESS OF OPERATOR: <b>370 17th Street, #4300</b> CITY <b>Denver</b> STATE <b>CO</b> ZIP <b>80202</b>				10. FIELD AND POOL, OR WILDCAT: <b>Exploratory</b>	
4. LOCATION OF WELL (FOOTAGES) AT SURFACE <b>665' FSL, 1997' FWL</b> AT PROPOSED PRODUCING ZONE <b>Same as Surface</b>				11. QTR/CTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <b>SESW 11 22S 16E</b>	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: <b>Approximately 7 miles Southeast of Green River, Utah</b>				12. COUNTY: <b>Grand</b>	13. STATE: <b>UTAH</b>
15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET) <b>665'</b>		16. NUMBER OF ACRES IN LEASE: <b>1,291.66</b>		17. NUMBER OF ACRES ASSIGNED TO THIS WELL: <b>40</b>	
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET) <b>4,277'</b>		19. PROPOSED DEPTH: <b>10,600</b>		20. BOND DESCRIPTION: <b>BLM Bond #UTB000200</b>	
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): <b>4,379' GR</b>		22. APPROXIMATE DATE WORK WILL START: <b>3/10/2008</b>		23. ESTIMATED DURATION: <b>60 days</b>	

24. PROPOSED CASING AND CEMENTING PROGRAM							
SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT			SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT		
24"	20"			40	Redi Mix		
17-1/2"	13 3/8"	54.5#	J55 BTC	2,050	Lead: 825 sx	PremiumLite	2.53 yld 12#
					Tail: 475 sx	Pozmix	1.80 yld 13.5#
12-1/4"	9 5/8"	43.5#	P110 LTC	6,150	Lead: 1200 xs	Pozmix	1.89 yld 12.5#
					Tail: 700 sx	Class G	1.15 yld 15.8#
8-1/2"	5-1/2"	23#	HCP110-	10,600	Lead: 300 sx	Class G	1.17 yld 17#
			LTC		Tail: 1450 sx	Class G	1.17 yld 17.6#

25. ATTACHMENTS	
VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES:	
<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER	<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN
<input type="checkbox"/> EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER	<input type="checkbox"/> FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER

NAME (PLEASE PRINT) Terry L. Hoffman TITLE Regulatory Manager

SIGNATURE *Terry L. Hoffman* DATE 02-22-08

(This space for State use only)

API NUMBER ASSIGNED: 43019-31575

Approved by the  
Utah Division of  
Oil, Gas and Mining

**RECEIVED**  
**FEB 28 2008**  
DIV. OF OIL, GAS & MINING

(11/2001)

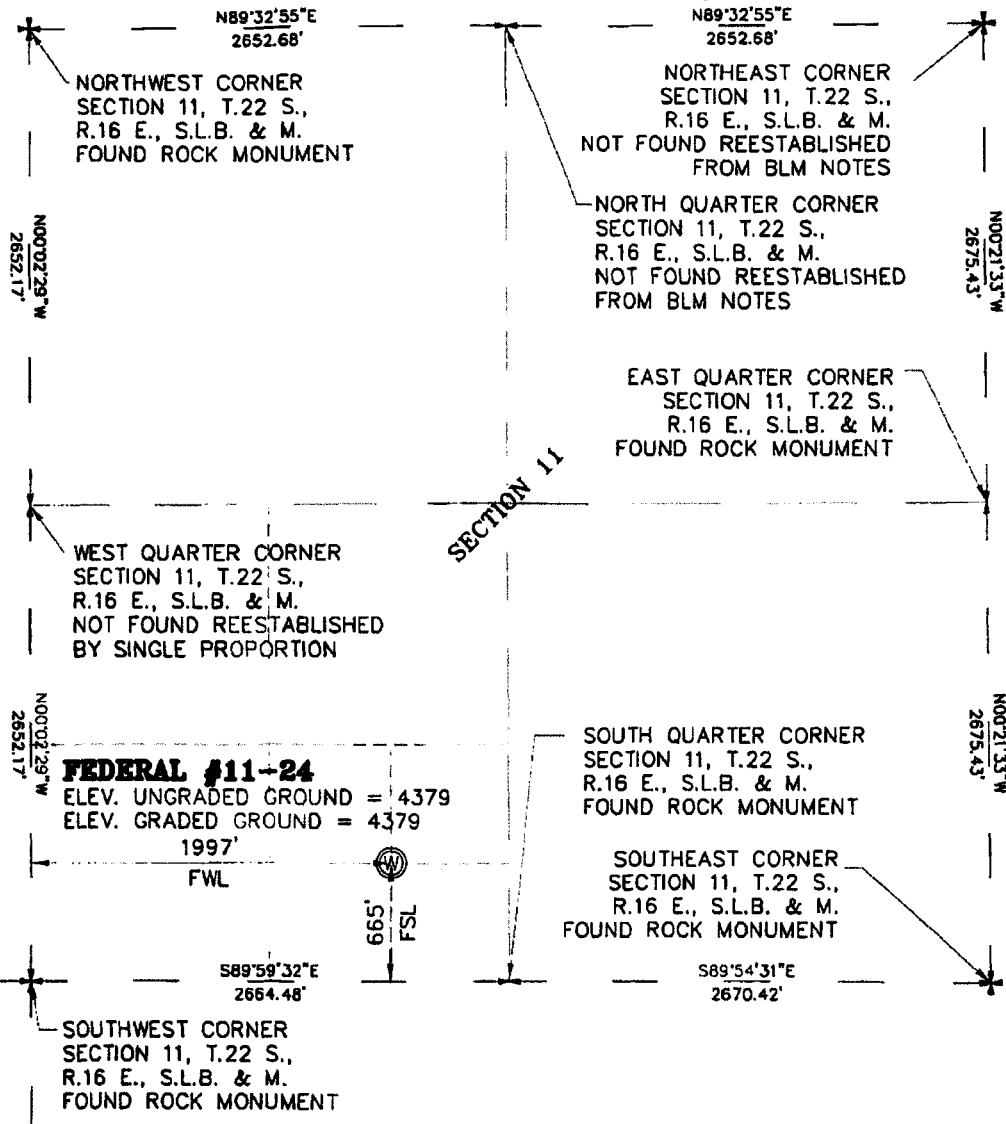
**Federal Approval of this  
Action is Necessary**

(See Instructions on Reverse Side)

Date: 03-05-08  
By: *[Signature]*

**CONFIDENTIAL**

# SECTION 11, T.22 S., R.16 E., S.L.B. & M.



## BASIS OF BEARING

BASIS OF BEARING USED WAS S89°59'32"E BETWEEN THE SOUTHWEST CORNER AND THE SOUTH 1/4 CORNERS OF SECTION 11, T.22 S., R.16 E., S.L.B. & M.

WELL LATITUDE: 38°54'29.557"N OR 38.90821  
WELL LONGITUDE: -110°07'33.423"W OR -110.125951

## PROJECT

**DELTA PETROLEUM CORPORATION**  
WELL LOCATION, LOCATED AS SHOWN  
IN THE SE 1/4 OF THE SW 1/4 OF  
SECTION 11, T.22 S., R.16 E., S.L.B. & M.  
GRAND COUNTY, UTAH

## LEGEND



SECTION CORNER AS NOTED  
QUARTER CORNER AS NOTED  
PROPOSED WELL LOCATION

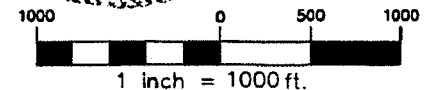
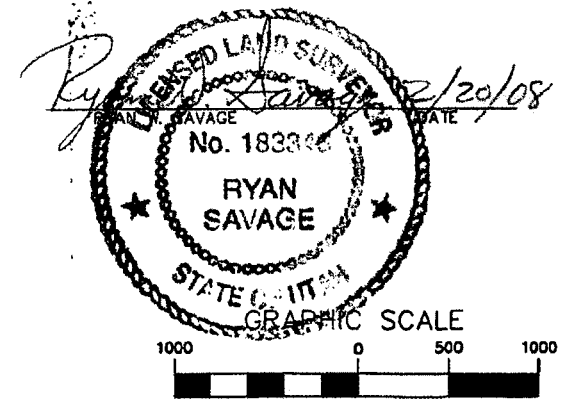
NOTE: THE PURPOSE OF THIS SURVEY WAS TO PLAT  
FEDERAL #11-24 WELL  
LOCATED IN THE SE 1/4 OF THE SW 1/4 OF  
SECTION 11, T.22 S., R.16 E., S.L.B. & M.  
GRAND COUNTY, UTAH.

## BASIS OF ELEVATION

ELEVATION BASED ON TRIANGULATION STATION ABRES  
LOCATED IN THE SE 1/4 OF SECTION 34, T.22 S.,  
R.17 E., S.L.B. & M.  
ELEVATION USED 4451.95

## CERTIFICATE

THIS IS TO CERTIFY THAT THIS PLAT WAS PREPARED FROM  
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME UNDER  
MY SUPERVISION, AND THAT THE SAME ARE TRUE AND  
CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



## Savage Surveying, Inc.

1925 South Industrial Park Rd  
Richfield, UT 84701  
Office: 435-898-8835  
Fax: 435-898-0220



## WELL LOCATION PLAT FOR

## FEDERAL #11-24

DRAWN NAME	SCALE	DATE	PROJECT NUMBER	SHEET NUMBER
LOCATION	1" = 1000'	02-20-08	0709-007S	1
DRAWN BY	CHECKED BY	DRAWN BY		
T.K.S.	R.W.S.	R.W.S.		

Bureau of Land Management  
Moab Field Office  
Moab, Utah  
Application for Permit to Drill

**TIGHT HOLE STATUS**

Company: Delta Petroleum Corporation

Well No. Federal #11-24

Location: Sec.11-T22S-R16E

Lease No. UTU-82153

On-Site Inspection Date: 1-31-08

All operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR § 3100 & 43 CFR § 3160), Onshore Oil and Gas Orders, the approved plan of operations and the conditions of approval. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative to ensure compliance.

Pursuant to Title V of the Federal Land Policy and Management Act (FLPMA) of October 21, 1976 (43 U.S. C. 1761) a right-of-way grant is being requested with this Application for Permit to Drill (APD). The right-of-way grant would be issued for the "off-lease" access road and pipelines described in part B, the Thirteen Point Surface Use Plan.

**A. DRILLING PROGRAM**

1. Surface Formation and Estimated Formation Tops:

	<u>MD</u>
Burro Canyon	0'
Morrison	55'
Entrada	969'
Carmel	1,468'
Navajo	1,604'
Kayenta	2,037'
Wingate	2,190'
Chinle	2,555'
Shinarump	2,723'
Moenkopi	2,873'
Sinbad ls.	3,365'
White Rim	3,583'
Cutler-Organ Rock mbr.	3,943'
Cutler-Elephant Canyon mbr.	4,173'
Honaker Trail	5,023'
Paradox Salt	6,112'
Pinkerton Trail	10,237'
Total Depth	10,600'

2. Estimated Depth at Which Oil, Gas, Water or Other Mineral Bearing Zones are Expected to be Encountered:

Expected Oil & Gas Zones:

Primary Targets: Paradox Salt @ 6,112'  
Secondary Targets: Morrison @ 55', Honaker Trail @ 5,023'

Expected Water Zones:

Primary Targets: Burro Canyon @ 0'  
Secondary Target: Morrison @ 55', Entrada @ 969', Navajo @ 1,609', Wingate @ 2,190', White Rim @ 3,583', Honaker Trail @ 5,023', Paradox Salt @ 6,112'

All fresh water and prospectively valuable minerals encountered during drilling will be recorded by depth and will be cased and cemented. When possible, water flow rates will be measured and samples will be taken and analyzed with the results being submitted to BLM. All oil and gas shows will be tested to determine commercial potential.

3. Pressure Control Equipment: Include schematics of the BOP and choke manifold, and describe testing procedures:

A 5,000 BOP will be used on the surface casing while drilling the intermediate section. It will be a 13-5/8", 5,000 psi Double gate Hydraulic BOP with one (1) blind ram and two (2) pipe rams and Annular Preventer; equipped with a 5,000 psi manual choke manifold. The BOP will be tested and charted using BOP tester and test plug to stack working pressure. The Annular Preventer will be tested to 50% of rated working pressure. All tests will be recorded in the Driller's log book. Pipe rams will be function tested daily and blind rams tested each trip. See attached schematic for a typical 5,000 psi BOP.

A 10,000 BOP will be used on the intermediate casing while drilling the Paradox section. It will be a 11", 10,000 psi Double gate Hydraulic BOP with one (1) blind ram and two (2) pipe rams and Annular Preventer; equipped with a 10,000 psi manual choke manifold. The BOP will be tested and charted using BOP tester and test plug to stack working pressure. The Annular Preventer will be tested to 50% of rated working pressure. All tests will be recorded in the Driller's log book. Pipe rams will be function tested daily and blind rams tested each trip. See attached schematic for a typical 10,000 psi BOP.

BOP systems will be consistent with API RP 53 and Onshore Oil and Gas Order No. 2. Pressure tests of the surface casing and all BOP equipment potentially subject to pressure will be conducted before drilling the surface casing shoe. Blowout preventer controls will be installed prior to drilling the surface casing shoe and will remain in use until the well is completed or abandoned. Ram preventers shall be inspected and operated each trip (no more than once a day is necessary), and annular preventers shall be inspected and operated weekly to ensure good mechanical working order. These inspections shall be recorded in the drilling log and in the daily drilling report.



4. Casing Program and Auxiliary Equipment: Include casing size, weight, grade, thread and coupling, setting depth and condition (new or acceptably reconditioned):

<u>Hole Size</u>	<u>Setting Depth</u>	<u>Size (OD)</u>	<u>Weight, Grade &amp; Joint</u>	<u>Condition</u>
24"	40'	20"	Conductor	New
17-1/2"	2,050'	13-3/8"	54.5#, J-55, BT&C	New
12-1/4"	6,150'	9-5/8"	43.5#, P-110, LT&C	New
8-1/2"	10,600'	5-1/2"	23#, HCP-110, LT&C	New

	<u>API Rating/Safety Factor</u>		
	<u>Collapse (psi) a</u>	<u>Burst (psi) b</u>	<u>Tension (1,000#) c</u>
Surface – 13-3/8"	1,130/1.21	2,730/2.92	909/9.62
Intermediate – 9-5/8"	4,420/1.57	8,700/3.09	1,106/4.88
Production – 5-1/2"	16,060/1.79	16,400/1.82	643/3.17

a – Based on full evacuation and the following EMW on backside:

Surface 9.0 ppg; Intermediate 9.0 ppg & Production 16.0.

b – Based on no fluid on backside and following gradient inside:

Surface 9.0 ppg; Intermediate 9.0 ppg & Production 1.60

c – Based on buoyed string weight in following EMW fluid:

Surface 8.6 ppg; Intermediate 8.6 ppg & Production 12.0

5. Cement: Include the cement type, density, yield, additives and amount used in setting each casing string. Also include the anticipated cement fill-up. If stage cementing, describe techniques:

<u>Depth</u>	<u># sxs</u>	<u>Cement Type</u>	<u>(#/gal)</u>	<u>Weight (cu. ft./sx)</u>	<u>Yield TOC</u>
0-2,050'	Lead 825	Premium Lite	12	2.53	0'
	Tail 475	Pozmix	13.5	1.80	1,500'
2,050'-6,150'	Lead 1,200	Pozmix	12.5	1.89	0'
	Tail 700	Class G	15.8	1.15	6,150'
6,150'-TD	Lead 300	Class G	17	1.17	6,150'
	Tail 1,450	Class G	17.6	1.17	10,600'

Surface casing shall be cemented back to surface. Centralizers shall be run, at a minimum, on the bottom three joints of each casing string.

6. Mud Program and Circulating Medium: Include mud components and weights. When air drilling, also include: length and location of blooie line; description of the auto ignitor; description of the deduster equipment; and amounts, types and characteristics of stand-by mud:

<u>Depth</u>	<u>Type</u>	<u>Weight</u>	<u>Viscosity</u>	<u>Water Loss</u>
0-2,050'	Water	+/- 8.5	+/- 28	nc
2,050-6,150'	LSND	+/- 8.5	+/- 28	nc
6,150-TD'	OBM	+/- 16.5	+/- 44	+/-10

Due to potential for contamination of usable quality water aquifers, chromates are banned from Federal leases.

Sufficient mud materials will be stored on location to maintain well control and combat lost circulation problems that might reasonably be expected.

7. Coring, Logging and Testing Program:  
 Testing: DST's are not planned  
 Logging: PEX (Laterlog)-Sonic Scanner, Depth TBD  
 Coring: None

Initial opening of drill stem test tools will be restricted to daylight hours.

8. Abnormal Conditions, Bottom Hole Pressures and Potential Hazards: Include anticipated bottom hole pressure and/or pressure gradient. Also list anticipated lost circulation zones, abnormal temperature zones and possible hydrogen sulfide bearing zones:

- a. Abnormal Temperatures – None expected
- b. Hydrogen Sulfide (HTS) – None expected
- c. Possible Loss Circulation Zones: Surface to +/-6,000'
- d. Possible High Pressure Zones: Clastic breaks within Paradox Salt (water, gas, oil)
- e. Possible Salt Zones: +/-6,000' to TD
- f. ABHP (by interval)

<u>Interval</u>	<u>ABHP*</u>	<u>ABHP - .22 psi/ft (MMS)</u>	<u>BOPE</u>
0-2,000'	874 psi (8.4 ppg PP)	NA	NA, no BOPE
2,000-6,000'	2715 psi (8.7 ppg PP)	1395 psi	13-5/8" 5M
6,000-9,000'	5616 psi (12.0 ppg PP)	3636 psi	11" 5M**
9,000-TD	8986 psi (16.0 ppg PP)	6610 psi	11" 10M

\* Pore pressures listed are based on historical analog wells in the area.

\*\*10M BOPE scheduled to be installed from 6,000 to TD.

9. Any Other Aspects of this Proposal that should be addressed:  
 None

B. THIRTEEN POINT SURFACE USE PLAN

The dirt contractor will be provided with an approved copy of the surface use plan of operations before initiating construction.

1. Existing Roads:

- a. Proposed route to location (submit a map depicting access and well location, 1:100,000 scale). See attached Overview and APD maps.
- b. Location of proposed well in relation to town or other reference point:  
The well location is approximately 7 miles south of Green River, Utah.
- c. Plans for improvement and/or maintenance of existing roads: Existing county roads will be upgraded and maintained as necessary.
- d. Other: NA

2. Planned Access Roads (1:24,000 scale: 12 inch surveyor stakes):

- a. Location (centerline): Refer to construction diagrams, Sheets RD-1 through RD-13 and APD Map.
- b. Length of new access to be constructed: 0.04 miles on lease
- c. Length of existing roads to be upgraded: 1.2 miles
- d. Maximum total disturbed width: approximately 70 feet (Sheet RD-3)
- e. Maximum travel surface width: 12 feet without turnouts
- f. Maximum grades: 10%
- g. Turnouts: 17
- h. Surface materials: 6 inch minus granular barrow
- i. Drainage (crowning, ditching, culverts, etc): none
- j. Cattleguards: none
- k. Length of new and/or existing roads which lie outside the lease or unit boundary for which a BLM right-of-way is required: 0 miles
- l. Other:

Surface disturbance and vehicular travel will be limited to the approved location and access road. Any additional area needed must be approved by BLM in advance.

If a right-of-way is necessary, no surface disturbing activities shall take place on the subject right-of-way until the associated APD is approved. The holder will adhere to conditions of approval in the Surface Use Program of the approved APD, relevant to any right-of-way facilities.

If a right-of-way is secured, boundary adjustments in the lease or unit shall automatically amend this right-of-way to include that portion of the facility no longer contained within the lease or unit. In the event of an automatic amendment to this right-of-way grant, the prior on-lease/unit conditions of approval of this facility will not be affected even though they would now apply to facilities outside of the lease/unit as a result of a boundary adjustment. Rental fees, if appropriate shall be recalculated based on the conditions of this grant and the regulations in effect at the time of an automatic amendment.

If at any time the facilities located on public lands authorized by the terms of the lease are no longer included in the lease (due to a contraction in the unit or other lease or unit boundary change) the BLM will process a change in authorization to the appropriate statute. The authorization will be subject to appropriate rental, or other financial obligations determined by the BLM.

If the well is productive, the access road will be rehabilitated or brought to Resource (Class III) Road Standards within 60 days of dismantling the rig. If upgraded, the access road must be maintained at these standards until the well is properly abandoned. If this time frame cannot be met, the Field Office Manager will be notified so that temporary drainage control can be installed along the access road.

3. Location of Existing Wells: On a map (1:24,000 scale), show the location of all water, injection, disposal, producing and drilling wells within a one mile radius of the proposed well, and describe the status of each.

No existing wells of any type exist within a one mile radius of this proposed well.

4. Location of Production Facilities:

- a. On-site facilities: If the well is a producer on-site facilities will be applied for and installed.
- b. Off-site facilities: None
- c. Pipelines: If the well is a producer pipelines will follow the proposed access route. Delta Petroleum Corporation proposes to install a natural gas and condensate pipeline alongside road accesses to connect the wells proposed in this APD to the Greentown Pipeline Gathering System. A 65 foot ROW would be established for construction alongside the road right-of-way. The route was selected to follow existing corridors to minimize surface disturbance. The pipelines will vary in size up to 12" though most laterals. The lines will be constructed out of steel with an external coating for corrosion protection and buried at a minimum depth of three feet to reduce visual impacts and improve the safety and integrity of the pipelines. The proposed steel pipelines will be buried or surface-laid, depending on soil conditions and well status. The determination to bury or surface lay the pipelines will be made by the Authorized Officer at the time of construction.

Delta Petroleum Corporation intends on stringing the pipeline on the surface, welding many joints into long lengths, dragging the long lengths into position and then completing a final welding pass to join the long lengths together. The welded joints will either remain on the surface or will be placed within the trench, dependent on the scenario. Delta intends on connecting the pipeline together utilizing conventional welding technology.

The ROW will then be reclaimed to as close as possible to the original topography then reseeded with the approved BLM seed mixture.

- d. Other: All permanent (in place for six months or longer) structures constructed or installed (including oil well pump jacks) will be painted a flat, nonreflective color to match the standard environmental colors, as determined by the Rocky Mountain Five-State Interagency Committee. All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) may be excluded. Colors will be as follows: Colors will match the surrounding soils and vegetation.

All site security guidelines identified in 43 CFR § 3162.7-5 and Onshore Oil and Gas Order No. 3 shall be followed.

If a gas meter run is constructed, it will be located on lease within 500 feet of the wellhead. The gas flowline will be buried from the wellhead to the meter and will be buried downstream of the meter until it leaves the pad. Meter runs will be housed and/or fenced. The gas meter shall be calibrated prior to first sales and shall be calibrated quarterly thereafter. All gas production and measurement shall comply with the provisions of 43 CFR § 3162.7, Onshore Oil and Gas Order No. 5, and American Gas Association (AGA) Report No. 3.

If a tank battery is constructed on this lease, it will be surrounded by a berm of sufficient capacity to contain 1½ times the storage capacity of the largest tank. All loading lines and valves will be placed inside the berm surrounding the tank battery. All oil production and measurement shall conform to the provisions of 43 CFR § 3162.7 and Onshore Oil and Gas Order No. 4. If water is produced from the well; steel coated water tanks will be used.

5. Location and Type of Water Supply:

All water needed for drilling purposes will be obtained from (describe location and/or show on a map): Municipal water from Thompson Springs, Utah.

6. Source of Construction Material:

Pad construction material will be obtained from (if the source is Federally owned, show location on a map).

Materials needed will be obtained from a private source.

The use of materials under BLM jurisdiction will conform to 43 CFR § 3610.2-3.

7. Methods of Handling Waste Disposal:

Describe the methods and locations proposed for safe containment and disposal of waste material, e.g. cuttings, produced water, garbage, sewage, chemicals, etc.

The reserve pit will be lined with (native material, bentonite, synthetic material): The pit will be lined with 12 mil, or greater depending on the pit substrate, thick polyethylene nylon reinforced liner material.

The reserve pit will be built with a divider in the middle to keep the fresh water cuttings separate from the oil base mud (OBM) cuttings. The lower portion of the hole (below the intermediate casing) will be drilled with an OBM using a "closed loop" system whereby all liquid mud will be contained in steel tanks. A flat tank will be used to collect the dry cuttings from the shale shakers and the centrifuge. These cuttings will be transferred from the flat tank to the isolated side of the reserve pit for storage.

Treatment of oil and water based cuttings shall commence as soon as possible after the drilling rig is moved off the location. At the conclusion of the drilling of the well these OBM dry cuttings will be further solidified with fly ash using a track hoe to thoroughly mix all cuttings. The solidified cuttings will be buried in the pit during remediation of the location. All liquid OBM remaining at the conclusion of the well will be stored in steel tanks and transferred to the next drilling location. If pit closure cannot be initiated immediately after the drilling has been completed, the oil-based cuttings shall be netted and fenced to prevent birds and other animals from exposure to the fluids. Any free oil on the pits resulting from operations or bleeding from the oil-based cuttings shall be removed immediately and recycled or disposed at an approved waste oil treatment facility.

Drilling fluids utilized in the oil-based mud system will be mixed in a closed circulating system and transferred into steel tanks on location designed specifically for the containment of the oil-based fluids. These fluids will be recycled during the drilling operation by centrifuging the return to separate the drilled cuttings from the oil-based fluids. Separated cuttings will be deposited into the reserve pit for treatment, as noted above, and the fluids will be recycled back into the closed mud system (steel tanks) for continued use during drilling. A temporary containment berm will be constructed around these storage tanks capable of holding 5 times the volume of the capacity of the largest tank within the berm. The berm will be lined with a synthetic impermeable material to contain any potential spills.

Upon completion of drilling operations any remaining oil-based fluids will be removed from the well location and disposed of in accordance with the appropriate State and Federal regulations.

The reserve pit will be located: See construction diagrams, Sheet PAD. The pit walls will be sloped at no greater than 2 to 1.

The reserve pit shall be located in cut material, with at least 50% of the pit volume being below original ground level. Three sides of the reserve pit will be fenced before drilling starts. The fourth side will be fenced as soon as drilling is completed, and shall remain until the pit is dry. As soon as the reserve pit has dried, all areas not needed for production will be rehabilitated.

The reserve pit will be used for the disposal of waste mud and drill cuttings. All borehole fluids will be contained in the reserve pit. All appropriate measures will be taken to prevent leakage into the substratum or onto the surface. All appropriate measures will be taken to prevent overflow, and a minimum of 2 feet of freeboard will be maintained in the reserve pit. It will be constructed on the well pad. See construction diagrams, Sheet PAD.

Wastewater will not be discharged on the surface at this site and the drilling of the well will not require a wastewater management plan.

All rubbish and debris will be kept in containers on the well site, and will be hauled to an approved disposal site upon completion of drilling and completion operations and as needed during such operations. There will be no chemical disposal of any type. Self-contained, portable toilets will be used for human waste, and the waste will be disposed at an approved landfill. Sanitation will comply with local and state regulations for the disposal of human waste.

8. Ancillary Facilities: Trailers, garbage containers and portable toilets.

9. Well Site Layout: Depict the pit, rig, cut and fill, topsoil, etc. on a plat with a scale of at least 1"=50'. See construction diagrams, Sheet PAD.

All wells, whether drilling, producing, suspended, or abandoned, will be identified in accordance with 43 CFR § 3162.6.

Access to the well pad will be from: See construction diagrams, Sheet PAD.

The blooie line will be located: At least 100 feet from the well head.

To minimize the amount of fugitive dust and spray escaping from the blooie pit, the following blooie line deflection method will be employed: water injection

10. Plans for Restoration of the Surface:  
The top 2 to 3 inches of topsoil material will be removed from the location and stockpiled separately on: adjacent to the pad

Topsoil along the access road will be reserved in place adjacent to the road.

Immediately upon completion of drilling, all equipment that is not necessary for production shall be removed.

The reserve pit and that portion of the location not needed for production will be reclaimed.

Before any dirt work to restore the location takes place, the reserve pit must be completely dry.

All road surfacing will be removed prior to the rehabilitation of roads.

Reclaimed roads will have the berms and cuts reduced and will be closed to vehicle use.

All disturbed areas will be recontoured to replicate the natural slope.

The stockpiled topsoil will be evenly distributed over the disturbed area.

The abandonment marker will be one of the following, as specified by BLM:

- 1) at least four feet above ground level,
- 2) at restored ground level, or
- 3) below ground level.

In any case the marker shall be inscribed with the following: operator name, lease number, well name and surveyed description (township, range, section and either quarter-quarter or footages).

Reclamation of the surface will commence as soon after construction, drilling and well completion are concluded, as is practicable. In the event of a dry hole, the drill site and roadways will be restored to their original condition within 180 days after plugging date of the well, depending on weather and other extenuating circumstances.

All junk, debris, or other foreign material must be removed before initiating any dirt work to restore the location. The fence around the reserve pit will be maintained in good repair during the drilling operations and will be completed by constructing the fourth side while the pit is drying. It will remain in place until the pit is completely dry and the site restoration begins. All fences will be four strand barbed wire.

The reserve pit and that portion of the location and access road not needed for production or production facilities will be reclaimed. All stockpiled topsoil, in proportion to the area being reclaimed, will be used in reclaiming areas without an on-going operation.

Site reclamation will include:

- Removing the road base material from the access road and any other surface that may be covered by such material;
- Recontouring the location to approximate natural contours, to the extent practicable; evenly redistributing stockpiled topsoil over the recontoured areas;
- Scarifying recontoured areas, including the access road, by use of a disk or harrow prior to seeding; and
- Drilling or broadcasting seeds.

The seed mix and rate used will be that recommended by the Authorized Officer. Seed will be drilled where-ever possible. If the seed is broadcast, then a harrow or some other implement will be dragged over the seeded area to assure seed coverage. The seed will be certified, pure live seed, and the seed tags will be available if requested by the Authorized Officer. Certified weed free seed will be used to rehabilitate reclaimed land.

All hillsides and other places where the contractor has moved earthen materials to facilitate operations, will be restored to as near original condition as practical. The surface of the re-contoured land will be left in a slightly roughened condition to collect precipitation and to promote seed germination. The site will be fenced with four strand barbed until vegetation is reestablished.

Road base material, used in the construction of the access road and pad, will be removed from the site and disposed in a proper manner. If the reserve pit has adequate capacity, then some or all of the gravel will be buried in the reserve pit, provided that the gravel is not contaminated by oil or other waste materials. The access road will be recontoured using of an excavator or similar equipment, rather than simply ripping the surface.

Culverts will be removed from the site and disposed in an approved landfill. The concrete cellar will be removed from the site and similarly disposed in a landfill, or with the approval of the Authorized Officer may be broken down into small pieces and buried during the Recontouring on the site.

During the life of the project and until the site is released from liability for reclamation, the project will be inspected at least annually for noxious weeds. If invasive noxious weeds are found, the weeds will be treated to eliminate further reproduction (spread), and treatment shall continue until the weeds have been eradicated. If noxious weeds are found, the BLM will be notified of their occurrence.

11. Surface and Mineral Ownership:

The surface of the proposed well site is federally owned and is administered by the Bureau of Land Management, United States Department of Interior.



12. Other Information:

- a. Archeological Concerns: A cultural survey was completed by Western Land Services and two sites were identified. They were recommended as not eligible for inclusion on the National Register of Historic Places.

The operator is responsible for informing all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator is to immediately stop work that might further disturb such materials, and contact the BLM Field Office. Within five (5) working days, the BLM will inform the operator as to:

- whether the materials appear eligible for the National Register of Historic Places;
- the mitigation measures the operator will likely have to undertake before the site can be used (assuming in situ preservation is not necessary); and
- a time frame for the BLM to complete an expedited review under 36 CFR § 800.11 to confirm, through the State Historic Preservation Officer, that the findings of the BLM are correct and that mitigation is appropriate.

If the operator wishes, at any time, to relocate activities to avoid the expense of mitigation and/or the delays associated with this process, the BLM will assume responsibility for whatever recordation and stabilization of the exposed materials may be required. Otherwise, the operator will be responsible for mitigation costs. The BLM will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the BLM that the required mitigation has been completed, the operator will then be allowed to resume construction.

- b. Other:

Heavy equipment, used to construct and rehabilitate the well pad and access road, will be cleaned and/or sprayed to remove any noxious or invasive weeds and seeds, prior to being moved to the project site. Any other equipment and vehicles, that have been used in other locations, where noxious weeds or seeds could have attached to the equipment, will also be sprayed and/or cleaned.

Any accumulation of hydrocarbons in the reserve pit will be removed and recovered for sale unless it is determined by the Authorized Officer to be waste oil. All waste oil will be disposed of properly at approved facilities.

For reclamation, the pit liner, which is exposed above the cuttings, will be cut and removed from the site and disposed in an authorized landfill. The reserve pit will be backfilled to slightly above grade to allow for settling of the unconsolidated fill material.

All equipment and vehicles will be confined to the access roads and well pad.

Any facilities in an existing right of way that are damaged as a result of the oil and gas operations will be repaired or replaced.

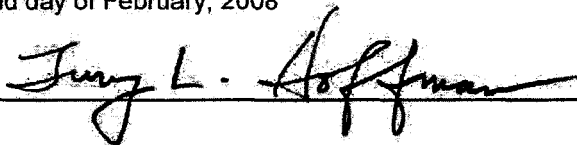
Fire suppression equipment will be available to suppress any wildfires caused by construction or related activities. In the event of a wildfire, the Moab Fire Center will be notified (435)259-1850.

### 13. Operator Certification

I hereby certify that I, or someone under my direct supervision, have inspected the drill site and access route proposed herein; that I am familiar with the conditions which currently exist; that I have full knowledge of State and Federal laws applicable to this operation; that the statements made in this APD package are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed in conformity with this APD package and the terms and conditions under which it is approved. I also certify that I, or the company I represent, am responsible for the operations conducted under this application. These statements are subject to the provisions of 18 U.S.C. 1001 for the filing of false statements.

Executed this 22nd day of February, 2008

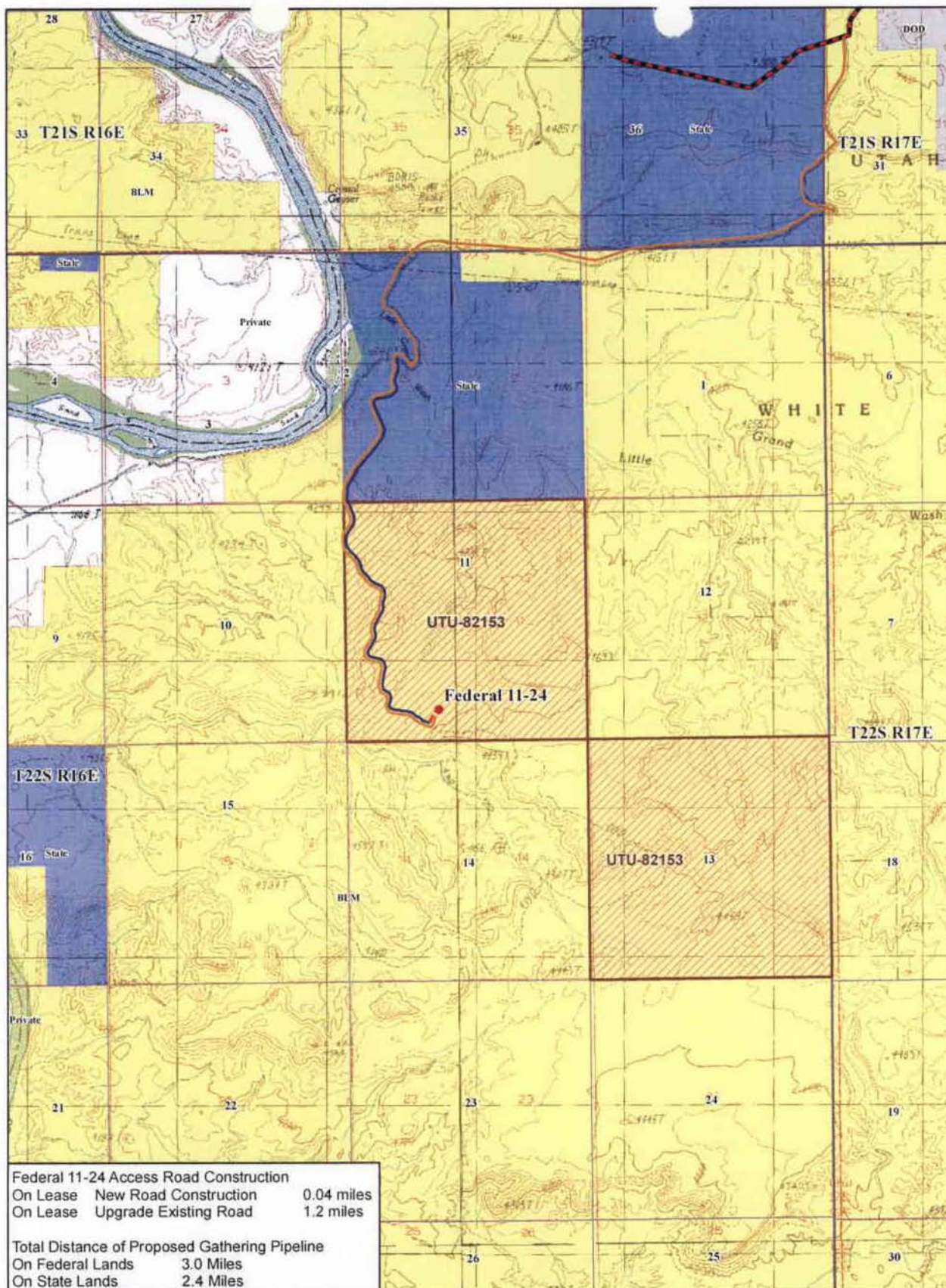
Signature: \_\_\_\_\_



Terry L. Hoffman  
Regulatory Manager  
370 17<sup>th</sup> Street., Suite 3400  
Denver, CO 80202

303.575.0323 (Office)  
303.250.0619 (Cell)

[terry@deltapetro.com](mailto:terry@deltapetro.com)



Referenced Green River & Green River NE Utah, 7.5' USGS Quadrangle Maps

Legend	
● Well	Lease
— Upgrade Existing Class D Road	BLM
— New Road	DOD
— Greentown Discharge Pipeline	STATE
— Greentown Pipeline Gathering System	



APD MAP

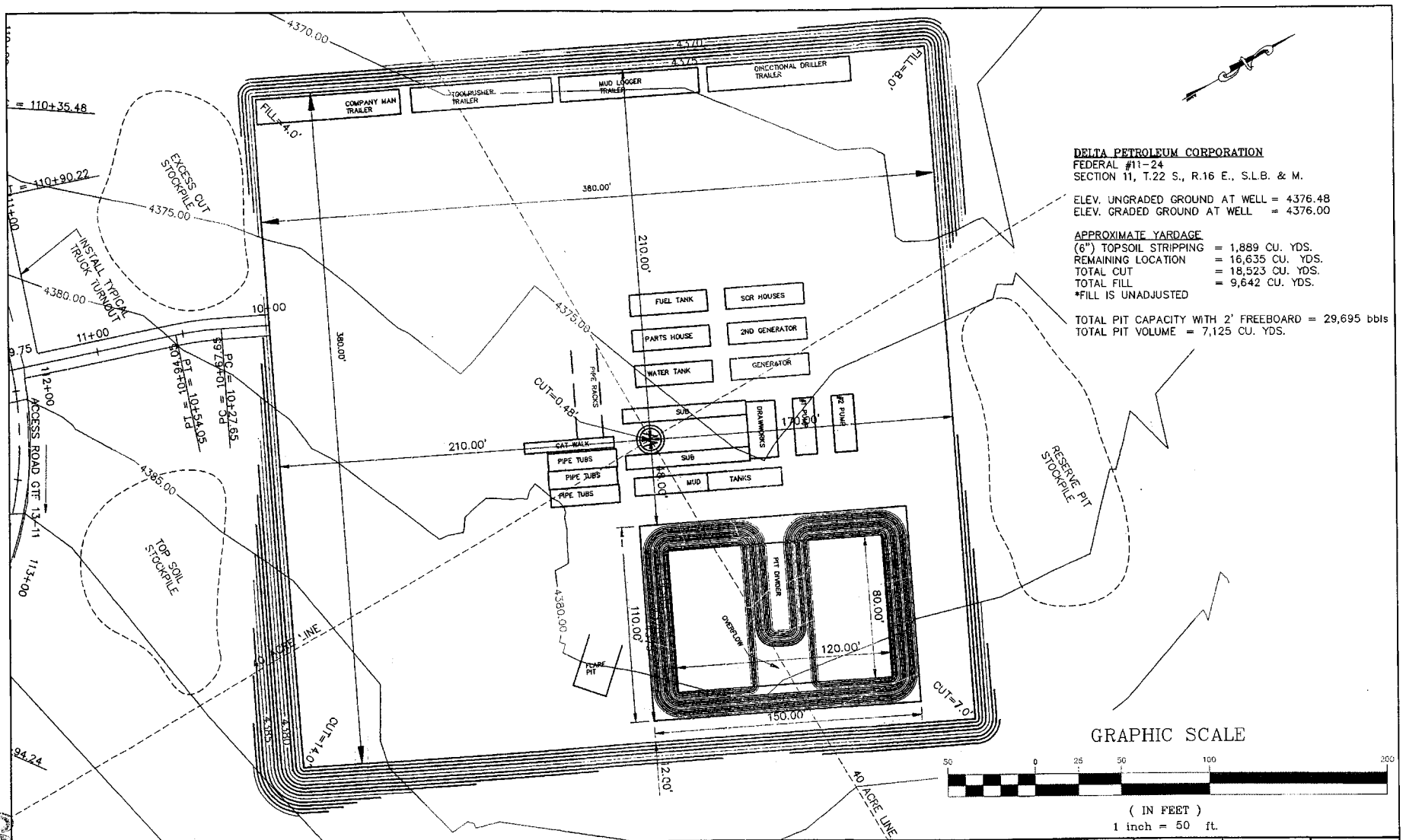
Delta Petroleum	
Federal 11-24	
 WESTERN LAND SERVICES Richfield, UT 84701 (435) 896-5501	
<b>CONFIDENTIAL</b>	
Prepared By: DTJ	Date: Feb. 22, 2008

No warranty is made for data usage purposes other than those intended by Western Land Services. Maps are created as part of a GIS that compiles records, information, and data from various sources. This data experiences frequent updates and accordingly, WLS shall not be liable for any errors or omissions herein.

**CONFIDENTIAL**







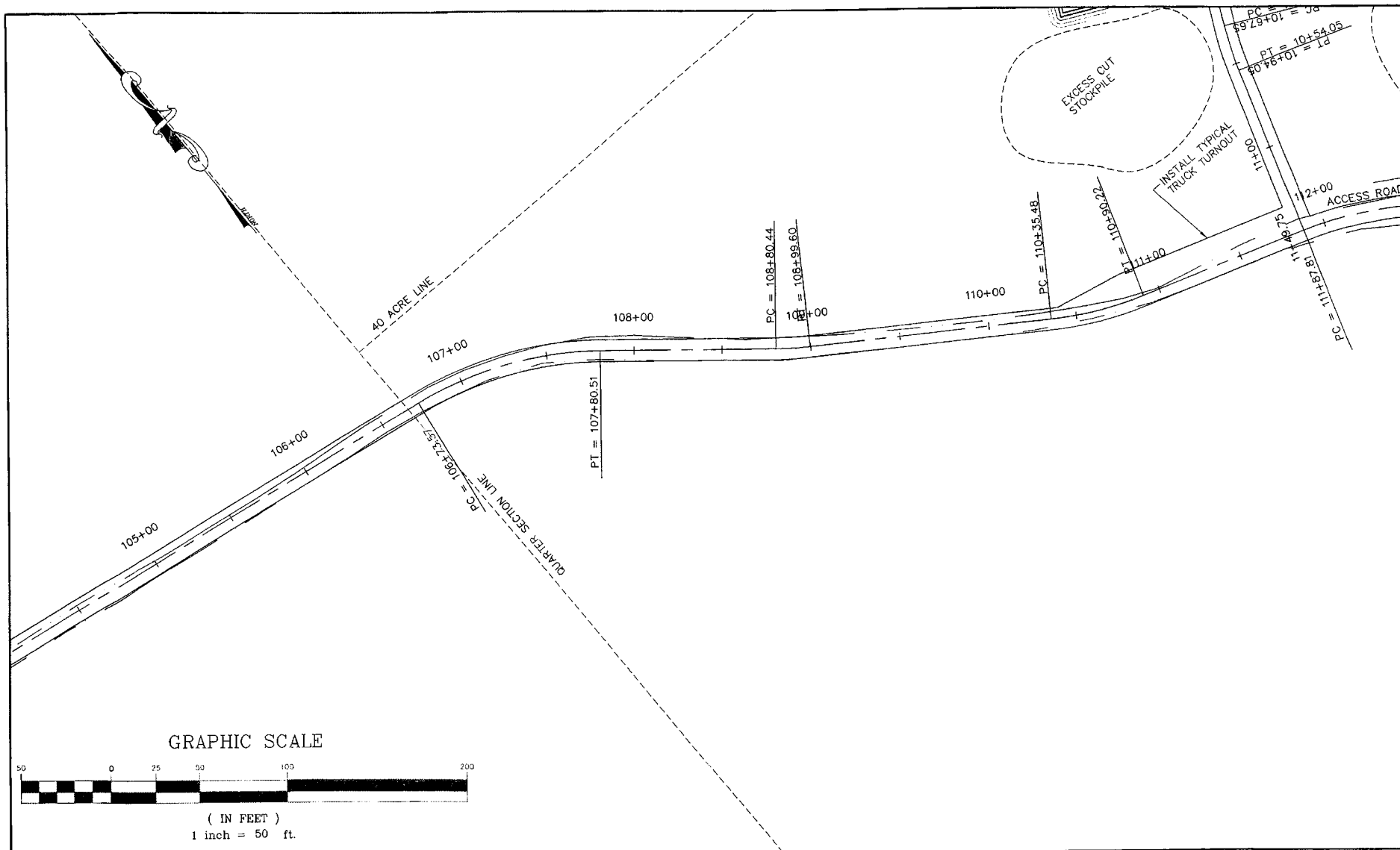
**Savage Surveying, INC.**  
 Ryan W. Savage, PLS  
 PO Box 891  
 2714 S.W. 14  
 Palm Bay, FL 32909  
 Office: (321) 896-4421  
 Fax: (321) 896-0230  
 Cell: (321) 247-1246



**FEDERAL #11-24**  
**DELTA PETROLEUM**

ENGINEER	SCALE	SHEET NO.
CHECKED	1" = 50'	
R.W.S.	PROJECT: 0709-0078	<b>PAD</b>
DRAWN	DATE	
D.G.	02/21/2008	

CONFIDENTIAL



GRAPHIC SCALE



( IN FEET )  
1 inch = 50 ft.

Savage Surveying, INC.

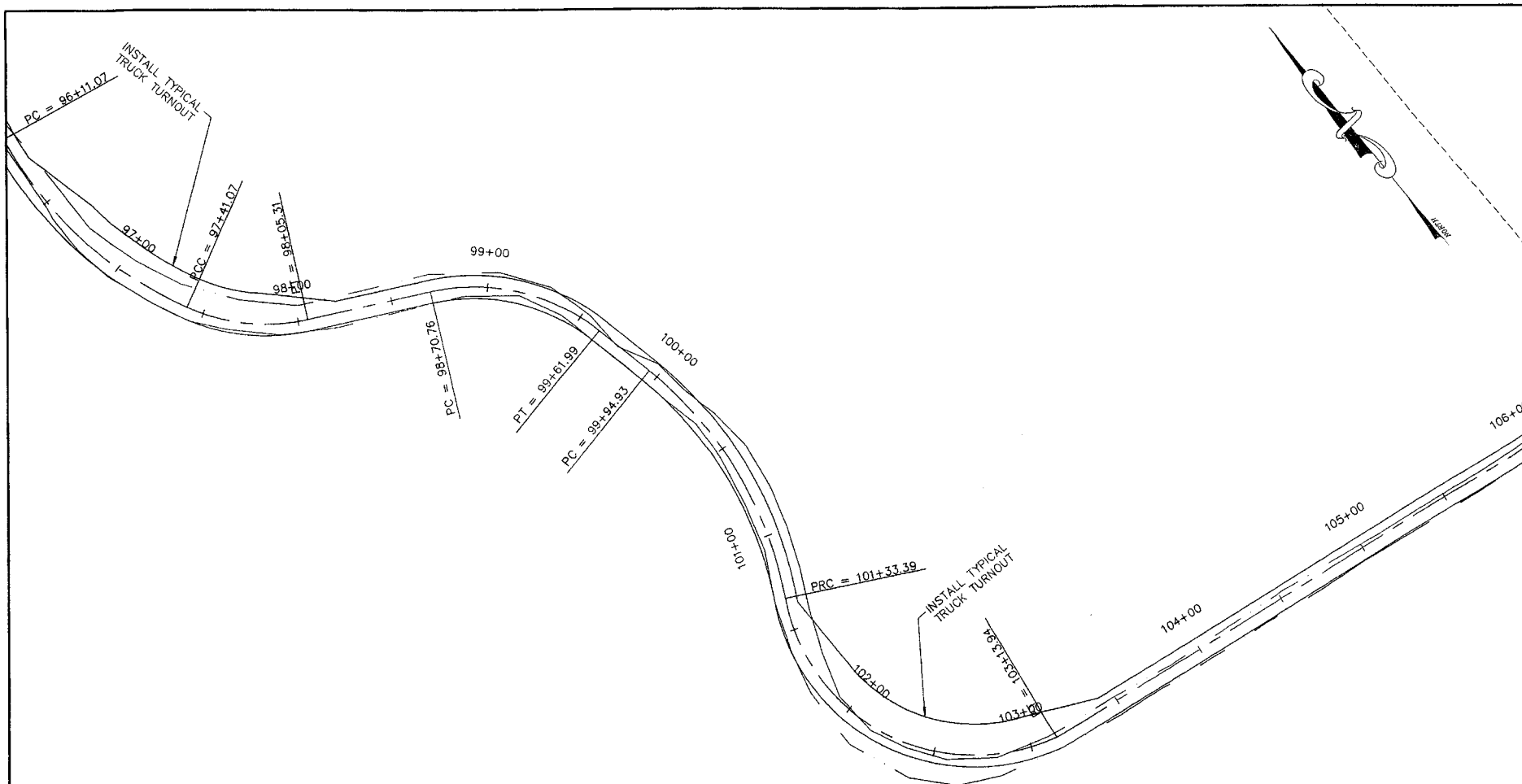
Ryan W. Savage, PLS  
 PO Box 322  
 27355-0322 W  
 Raleigh, NC 27601  
 Office: 435-2866-1825  
 Fax: 435-2866-0220  
 Cell: 435-286-1345



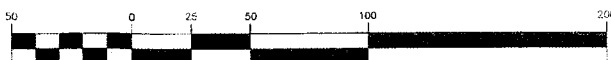
FEDERAL #11-24  
 DELTA PETROLEUM

ENGINEER	SCALE	SHEET NO.
CHECKED	1" = 50'	RD-1
R.W.S.	PROJ.#: 0709-007S	
DRAWN	DWG.NM: 0709-007S	
D.G.	DATE	
	02/20/2008	

CONFIDENTIAL



GRAPHIC SCALE



( IN FEET )  
1 inch = 50 ft.

Savage Surveying, INC.

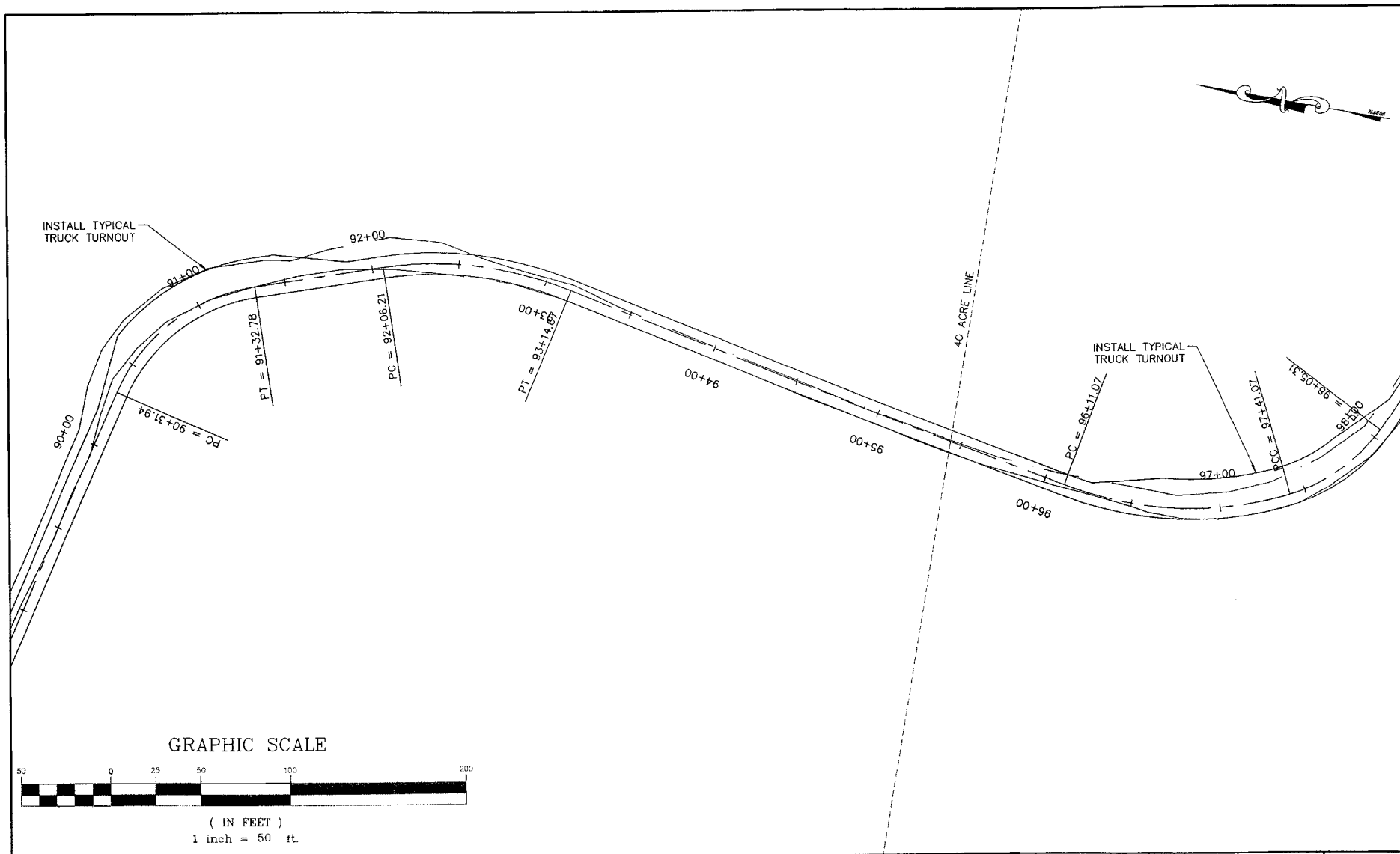
Ryan W. Savage, PLS  
PO Box 672  
275000 W  
Ridgely, MD 21071  
Office: 301-946-8525  
Fax: 301-946-0220  
Cell: 301-201-1345



FEDERAL #11-24  
DELTA PETROLEUM

ENGINEER	SCALE 1" = 50'	SHEET NO.  <b>RD-2</b>
CHECKED R.W.S.	PROJECT: 0709-0075 DWG. NO.: 0709-0075	
DRAWN D.G.	DATE 02/20/2008	

CONFIDENTIAL



Savage Surveying, INC.

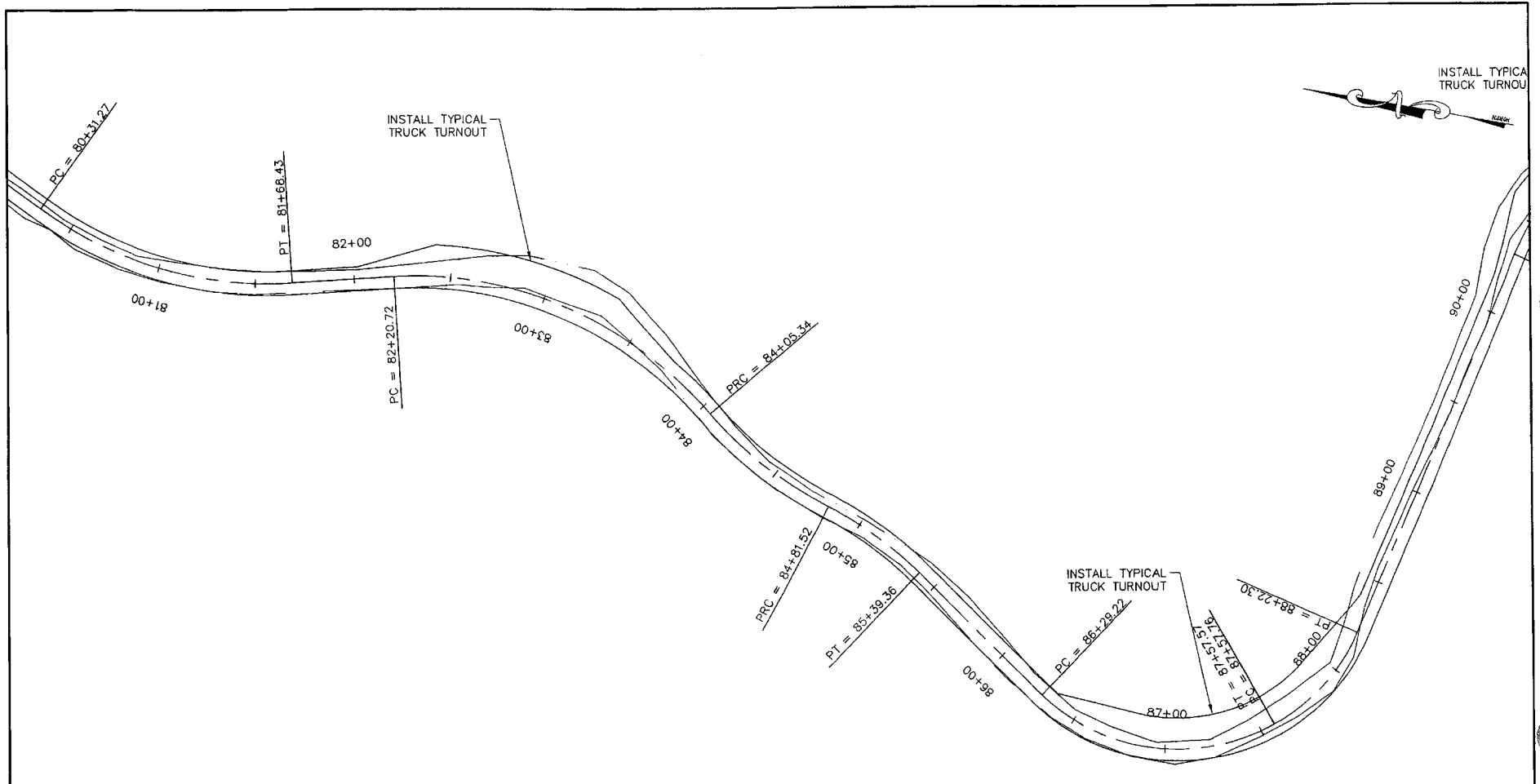
Ryan W. Savage, PLS  
 PO Box 492  
 2775300 W  
 Raleigh, NC 27601  
 Office: 435-96-8625  
 Fax: 435-96-0220  
 Cell: 435-201-1345



FEDERAL #11-24  
 DELTA PETROLEUM

ENGINEER	—	SCALE	1" = 50'	SHEET NO.
CHECKED	R.W.S.	PROJ#	0709-007S	RD-3
DRAWN	D.G.	DWG.NM#	0709-007S	
		DATE	02/20/2008	





GRAPHIC SCALE



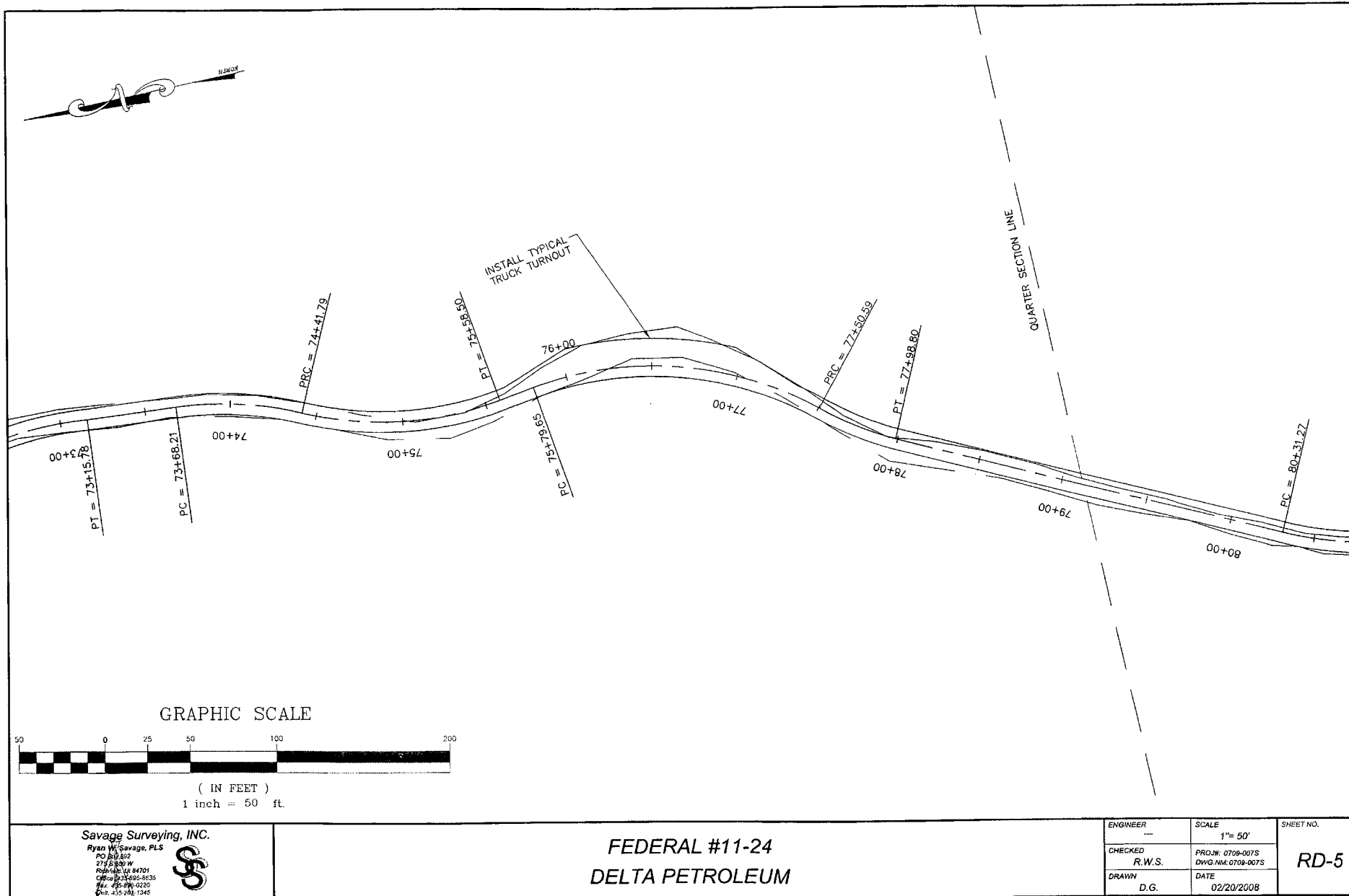
( IN FEET )  
1 inch = 50 ft.

Savage Surveying, INC.  
Ryan M. Savage, PLS  
PO Box 137  
27458 NW  
Rochester, WI 54701  
Office: 715-866-4635  
Fax: 715-866-0220  
Cell: 435-290-1345



FEDERAL #11-24  
DELTA PETROLEUM

ENGINEER 3	SCALE 1"= 50'	SHEET NO.
CHECKED R.W.S.	PROJECT 0709-007S DWG. NO. 0709-007S	RD-4
DRAWN D.G.	DATE 02/20/2008	

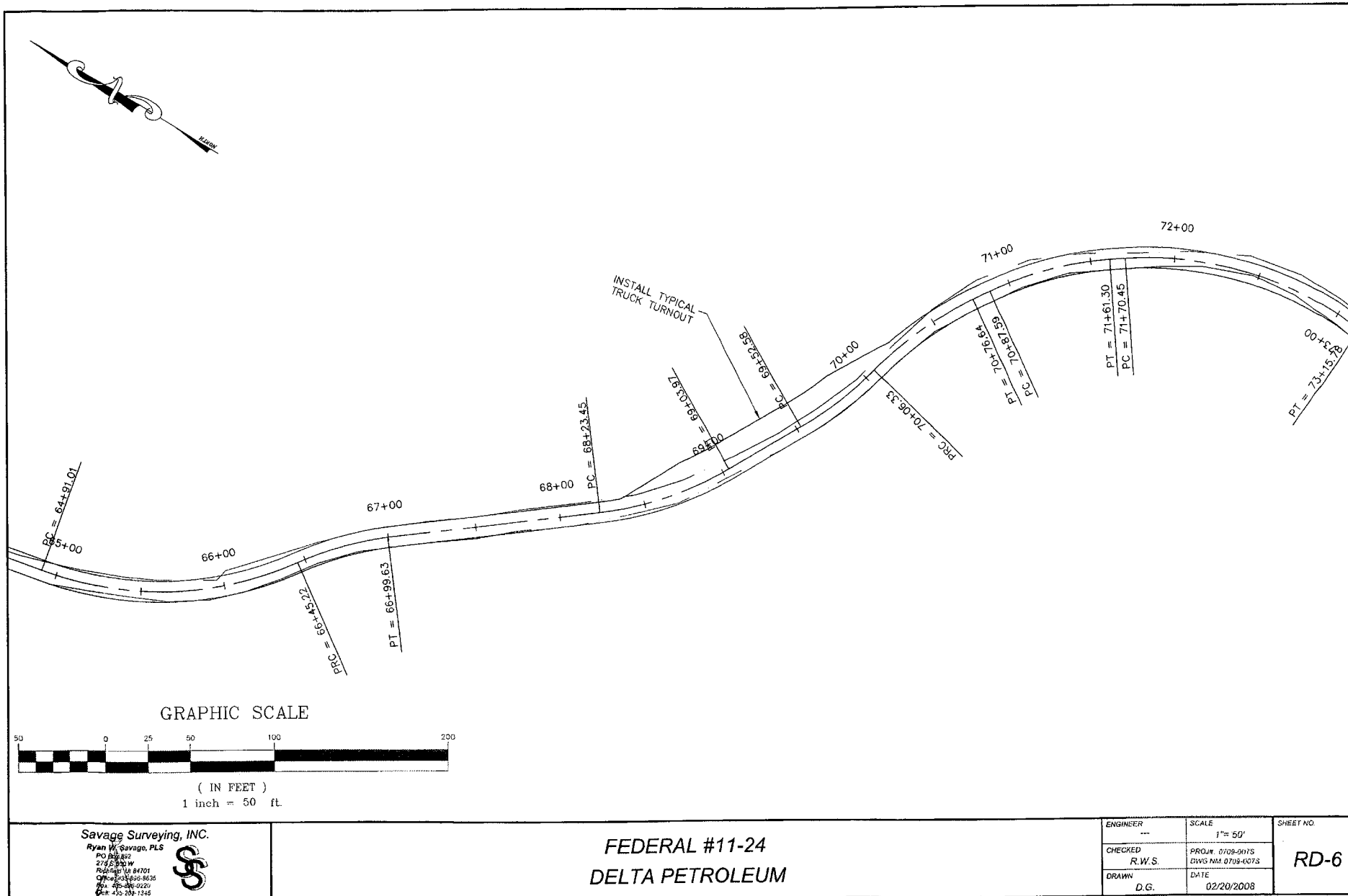


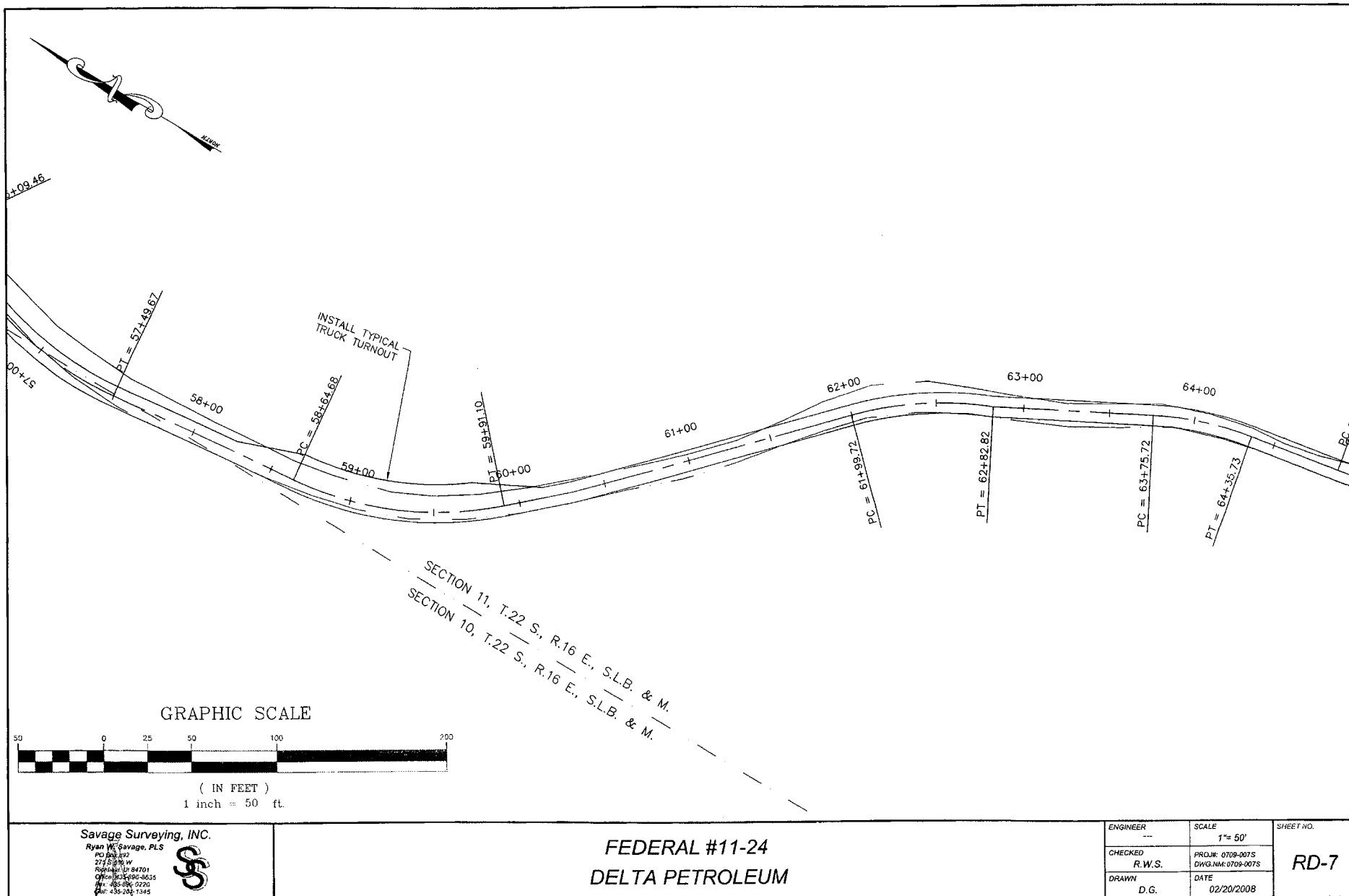
Savage Surveying, INC.  
 Ryan W. Savage, PLS  
 PO Box 802  
 275 S. 300 W.  
 Riverton, UT 84701  
 Office: 313-455-1635  
 Fax: 313-455-0220  
 Cell: 313-281-1345



FEDERAL #11-24  
 DELTA PETROLEUM

ENGINEER —	SCALE 1" = 50'	SHEET NO. RD-5
CHECKED R.W.S.	PROJECT 0709-007S	DWG. NO. 0709-007S
DRAWN D.G.	DATE 02/20/2008	



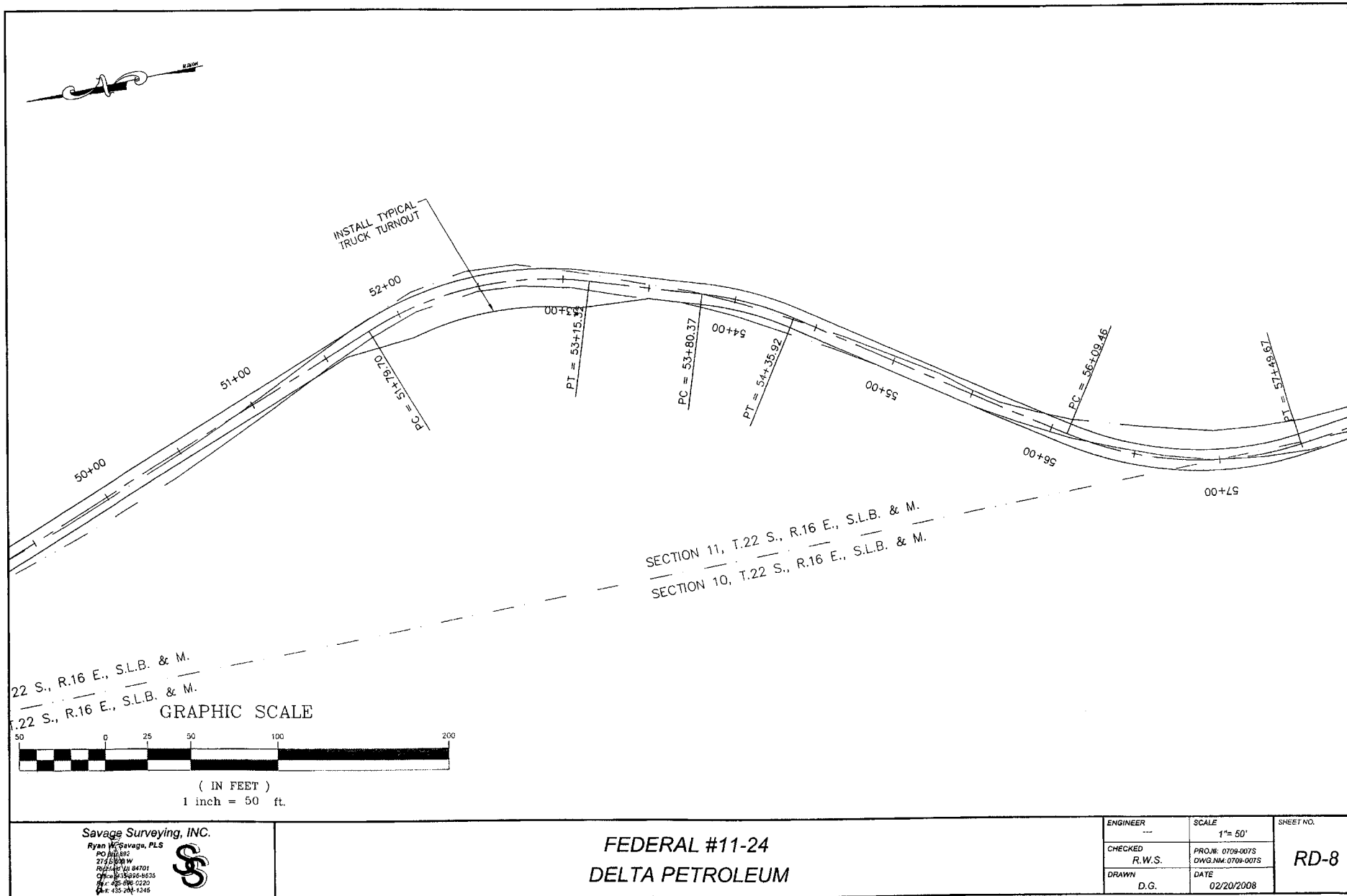


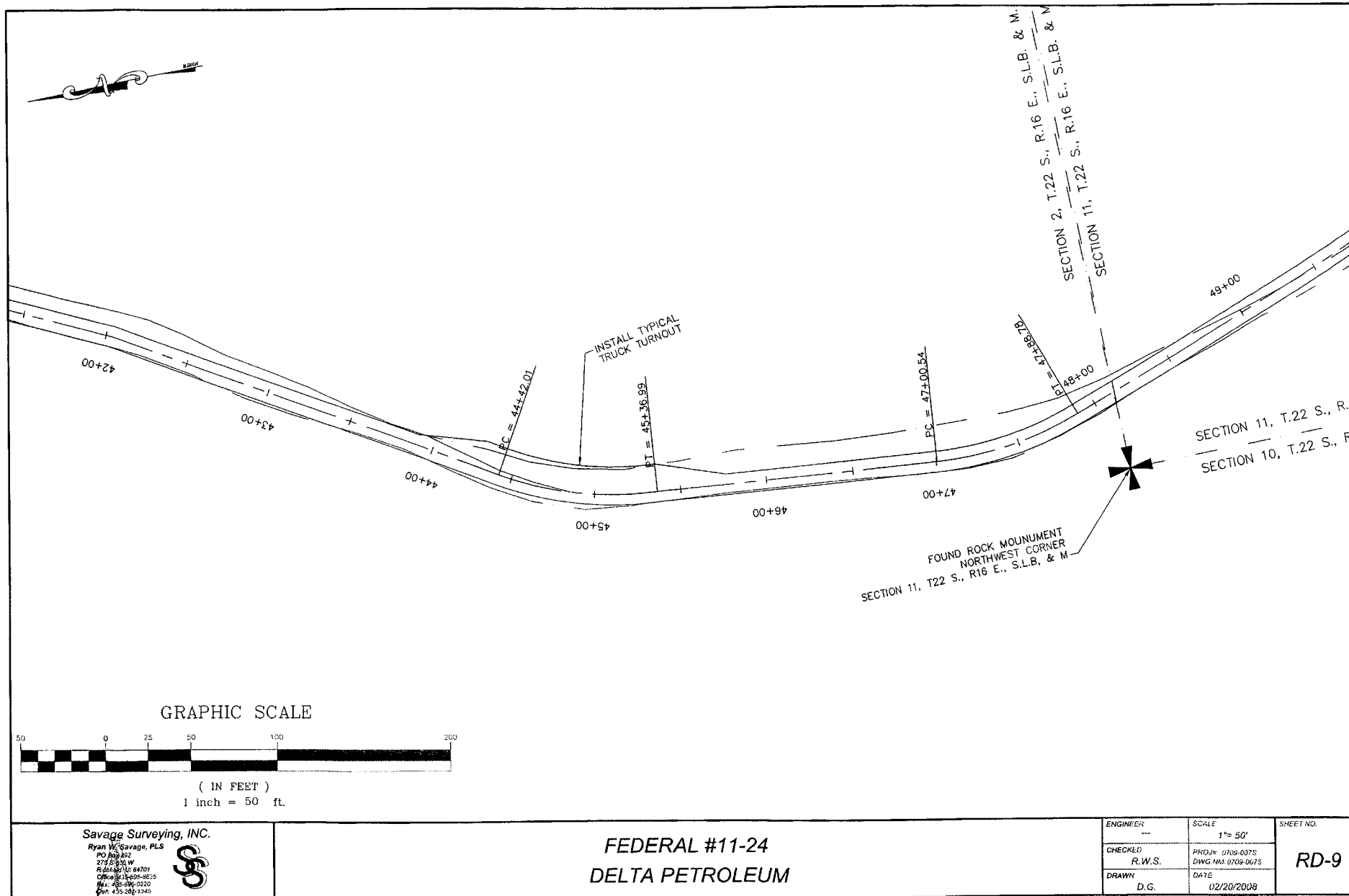
Savage Surveying, INC.  
 Ryan W. Savage, PLS  
 PO Box 152  
 2775 S.W.  
 Raleigh, NC 27601  
 Office: 435-290-0025  
 Fax: 435-290-0220  
 Cell: 435-290-1345

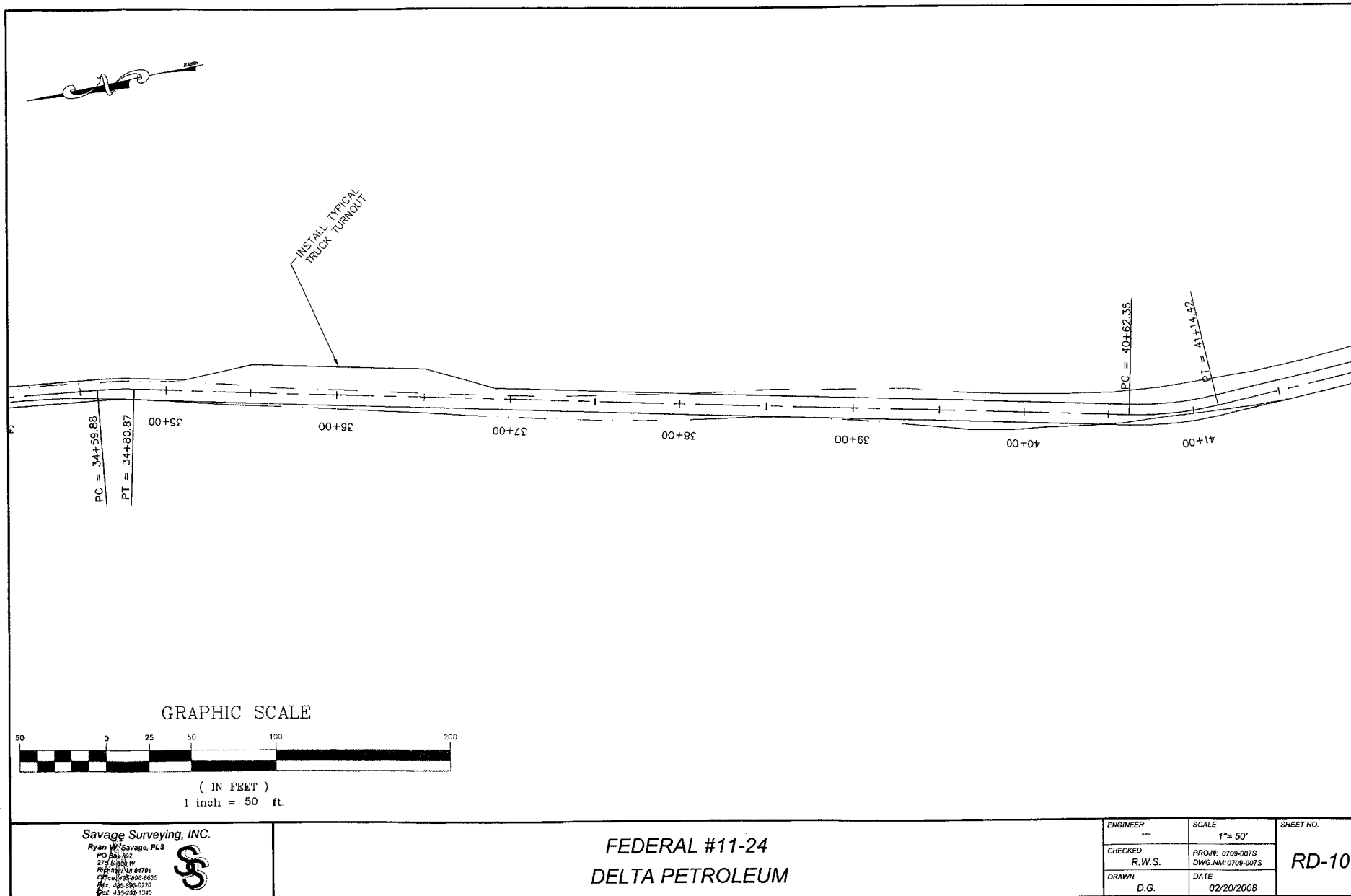


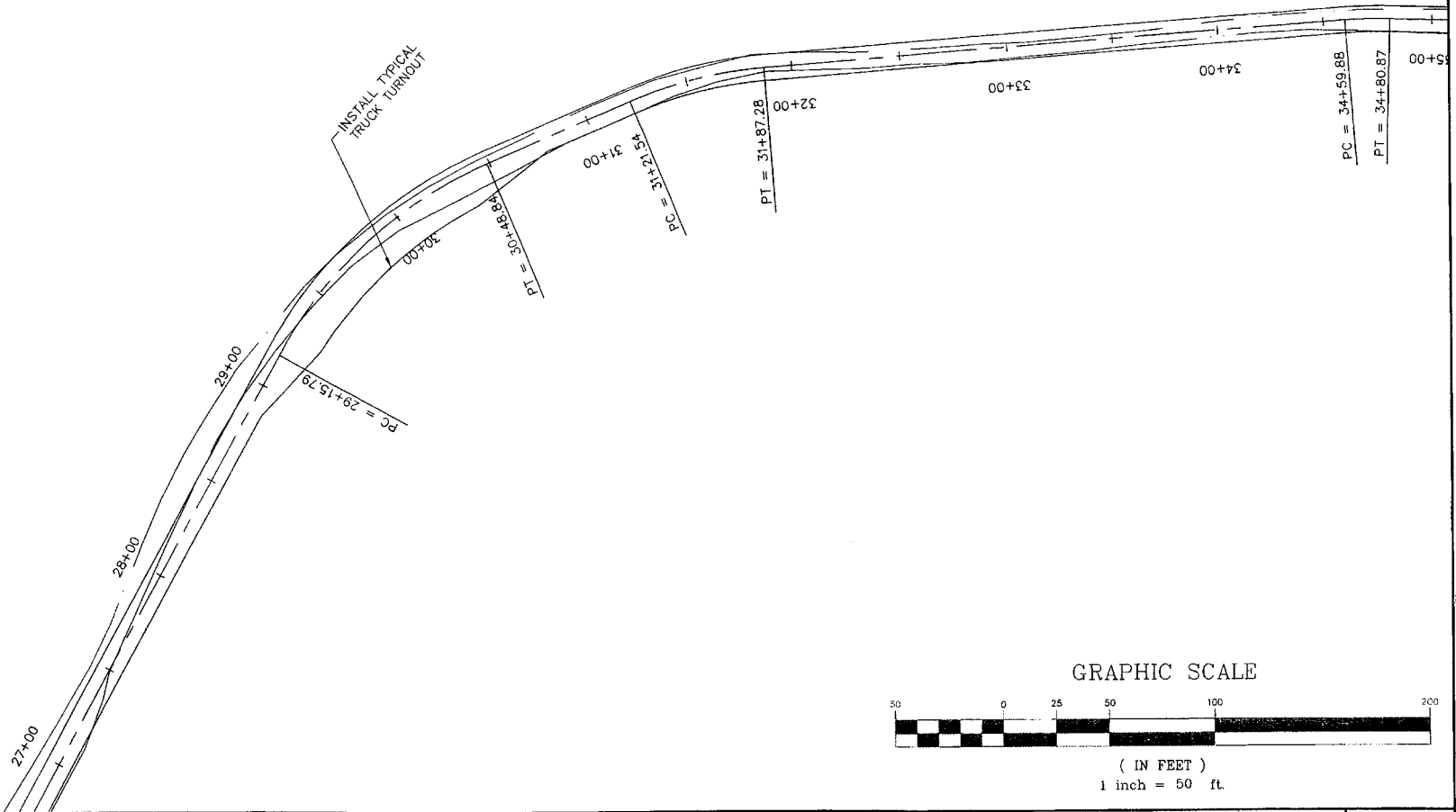
FEDERAL #11-24  
 DELTA PETROLEUM

ENGINEER ---	SCALE 1" = 50'	SHEET NO.
CHECKED R.W.S.	PROJECT 0709-007S DWG. NAME 0709-007S	RD-7
DRAWN D.G.	DATE 02/20/2008	









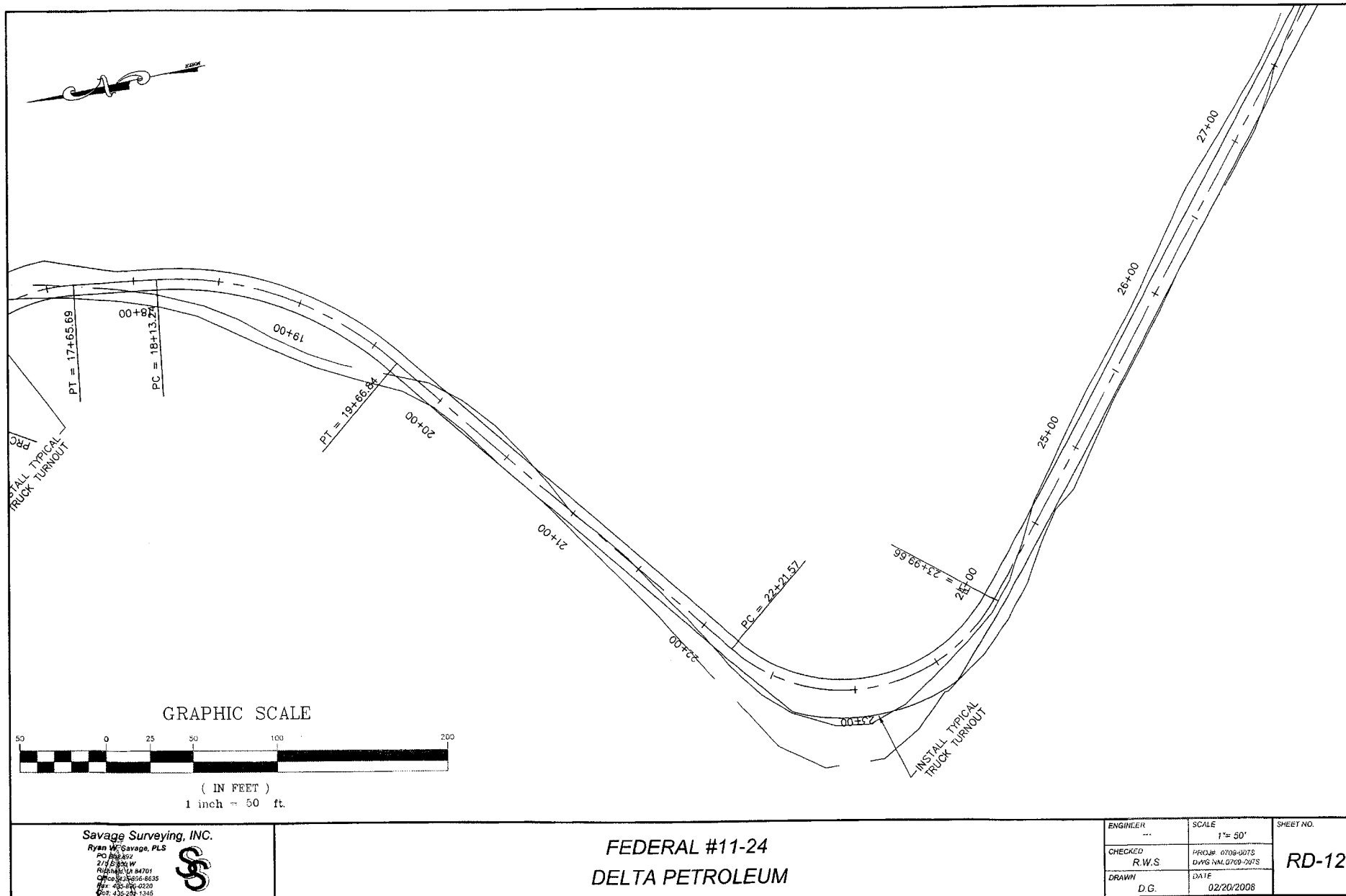
Savage Surveying, INC.  
Ryan W. Savage, PLS  
PO Box 810  
27568 NW  
P.O. Box 810  
Chickadee, NJ 08701  
Office: 908-666-9635  
Fax: 908-666-9220  
Cell: 435-291-1345



FEDERAL #11-24  
DELTA PETROLEUM

ENGINEER	---	SCALE	1" = 50'	SHEET NO.
CHECKED	R.W.S.	PROJECT	0709-007S	RD-11
DRAWN	D.G.	DATE	02/20/2008	



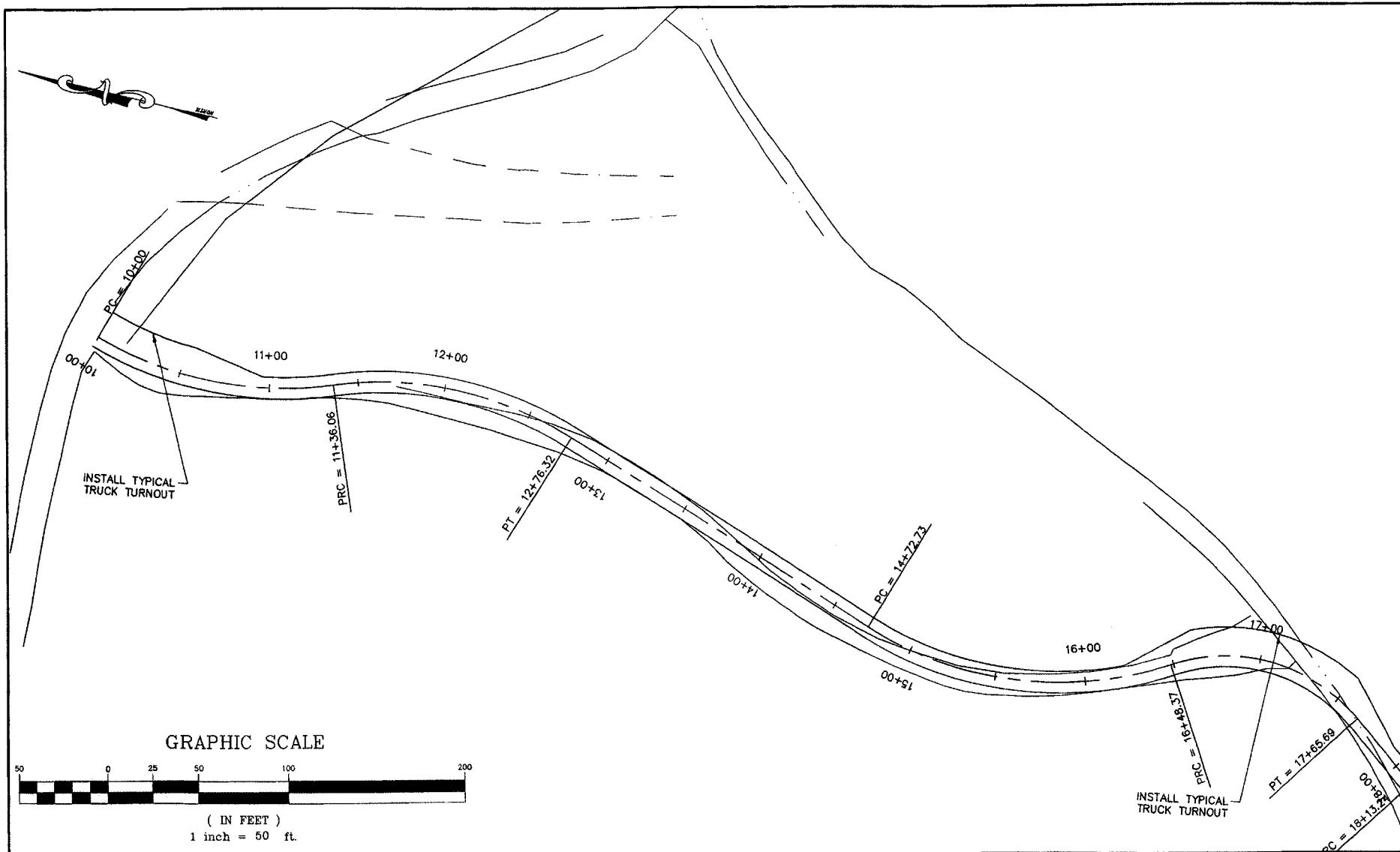


Savage Surveying, INC.  
Ryan W. Savage, PLS  
PO BOX 6074  
214 E. 300 W  
RICHMOND, LA 84701  
Office: 435-456-8635  
Fax: 435-456-0220  
Cell: 435-242-1346



FEDERAL #11-24  
DELTA PETROLEUM

ENGINEER ---	SCALE 1" = 50'	SHEET NO. RD-12
CHECKED R.W.S.	PROJECT 0708-0075 DWG. NM. 0709-0075	
DRAWN D.G.	DATE 02/20/2008	



Savage Surveying, INC.

Ryan W. Savage, PLS  
PO Box 107  
273 J. Road W  
Ridgely, LA 70701  
Office: 504-896-0835  
Fax: 504-896-0220  
Cell: 504-201-1345



FEDERAL #11-24  
DELTA PETROLEUM

ENGINEER	—	SCALE	1" = 50'	SHEET NO.
CHECKED	R.W.S.	PROJECT	0709-0075	RD-13
DRAWN	D.G.	DATE	02/20/2008	

**WORKSHEET**  
**APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 02/28/2008

API NO. ASSIGNED: 43-019-31575

WELL NAME: FEDERAL 11-24

OPERATOR: DELTA PETROLEUM CORP ( N2925 )

CONTACT: TERRY HOFFMAN

PHONE NUMBER: 303-575-0323

PROPOSED LOCATION:

SESW 11 220S 160E

SURFACE: 0665 FSL 1997 FWL

BOTTOM: 0665 FSL 1997 FWL

COUNTY: GRAND

LATITUDE: 38.90749 LONGITUDE: -110.1262

UTM SURF EASTINGS: 575764 NORTHINGS: 4306665

FIELD NAME: WILDCAT ( 1 )

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-82153

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: PINK

COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

☒ Plat  
☒ Bond: Fed[1] Ind[] Sta[] Fee[]  
(No. UTB000200 )  
☒ Potash (Y/N)  
☒ Oil Shale 190-5 (B) or 190-3 or 190-13  
☒ Water Permit  
(No. MUNICIPAL )  
☒ RDCC Review (Y/N)  
(Date: \_\_\_\_\_ )  
☒ Fee Surf Agreement (Y/N)  
☒ Intent to Commingle (Y/N)

LOCATION AND SITING:

       R649-2-3.

Unit: \_\_\_\_\_

☒ R649-3-2. General  
Siting: 460 From Qtr/Qtr & 920' Between Wells

       R649-3-3. Exception

       Drilling Unit

Board Cause No: \_\_\_\_\_

Eff Date: \_\_\_\_\_

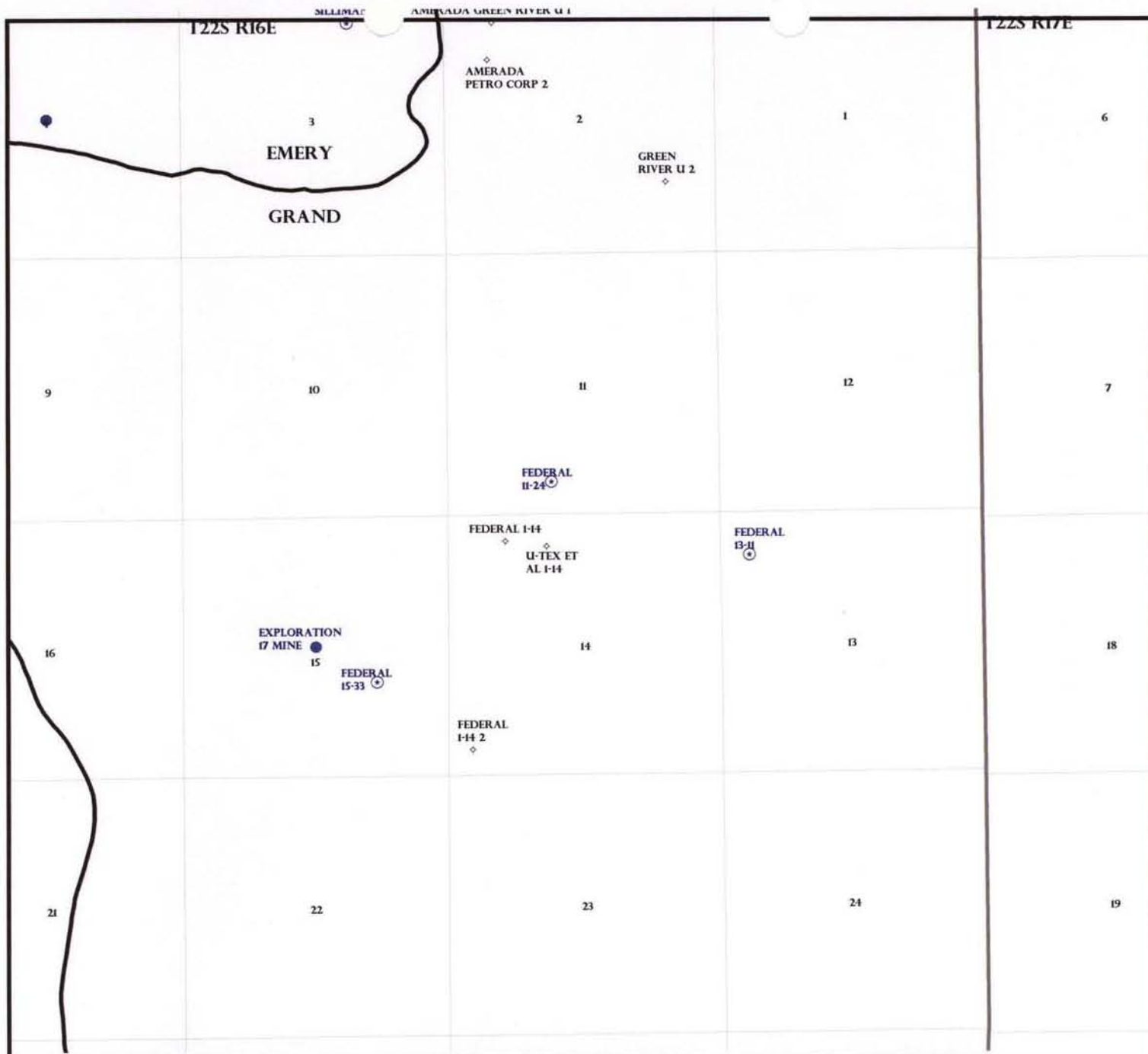
Siting: \_\_\_\_\_

       R649-3-11. Directional Drill

COMMENTS: \_\_\_\_\_

STIPULATIONS: \_\_\_\_\_

*1 Federal Approval*  
*2 Spacing Strip*



OPERATOR: DELTA PETRO CO (N2925)

SEC: 11,13 T.22S R. 16E

FIELD: WILDCAT (001)

COUNTY: GRAND

SPACING: R649-3-2 / GENERAL SITING

**Field Status**

- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED

**Unit Status**

- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PENDING
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

**Wells Status**

- GAS INJECTION
- GAS STORAGE
- LOCATION ABANDONED
- NEW LOCATION
- PLUGGED & ABANDONED
- PRODUCING GAS
- PRODUCING OIL
- SHUT-IN GAS
- SHUT-IN OIL
- TEMP. ABANDONED
- TEST WELL
- WATER INJECTION
- WATER SUPPLY
- WATER DISPOSAL
- DRILLING



PREPARED BY: DIANA MASON  
DATE: 04-MARCH-2008



JON M. HUNTSMAN, JR.  
Governor

GARY R. HERBERT  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil Gas and Mining

JOHN R. BAZA  
Division Director

March 5, 2008

Delta Petroleum Corporation  
370 17th Street, #4300  
Denver, CO 80202

Re: Federal 11-24 Well, 665' FSL, 1997' FWL, SE SW, Sec. 11, T. 22 South, R. 16 East, Grand County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-019-31575.

Sincerely,

  
for Gil Hunt  
Associate Director

pab  
Enclosures

cc: Grand County Assessor  
Bureau of Land Management, Moab Office

**Operator:** Delta Petroleum Corporation  
**Well Name & Number** Federal 11-24  
**API Number:** 43-019-31575  
**Lease:** UTU-82153  
**Location:** SE SW **Sec.** 11 **T.** 22 South **R.** 16 East

### **Conditions of Approval**

**1. General**

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

**2. Notification Requirements**

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dustin Doucet at (801) 538-5281 office (801) 733-0983 home

**3. Reporting Requirements**

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

**4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.**

**5. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.**

# TIGHT HOLE

Form 3160-3  
(February 2005)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**CONFIDENTIAL**

FORM APPROVED  
OMB No. 1004-0137  
Expires March 31, 2007

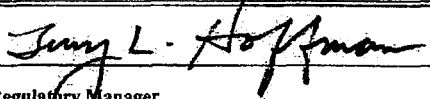
**APPLICATION FOR PERMIT TO DRILL OR REENTER**

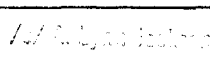
1a. Type of work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-82153
1b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name N/A
2. Name of Operator Delta Petroleum Corporation, Attn. Terry Hoffman		7. If Unit or CA Agreement, Name and No. N/A
3a. Address 370 17th Street, Suite 4300 Denver, CO 80202	3b. Phone No. (include area code) (303)575-0323	8. Lease Name and Well No. Federal #11-24
4. Location of Well (Report location clearly and in accordance with any State requirements.) At surface 665' FSL, 1997' FWL SESW At proposed prod. zone Same as Surface		9. API Well No. 43 019 31575
14. Distance in miles and direction from nearest town or post office* Approximately 7 miles southeast of Green River, Ut.		10. Field and Pool, or Exploratory Exploratory
15. Distance from proposed* location to nearest property or lease line, ft (Also to nearest drig unit line, if any) 665'	16. No. of acres in lease 1,291.66	11. Sec., T. R. M. or Blk. and Survey or Area Sec. 11, T 22 S, R 16 E, SLM
17. Spacing Unit dedicated to this well 40	18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. 4,277'	12. County or Parish Grand
19. Proposed Depth 10,600'	20. BLM/BIA Bond No. on file BLM Bond #UTB000200	13. State UT
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 4,379' GR	22. Approximate date work will start* 03/10/2008	23. Estimated duration 60 days

**24. Attachments**

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, must be attached to this form:

- |  |   |
|--|---|
| 1. Well plat certified by a registered surveyor.   | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan.  | 5. Operator certification   |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO must be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the BLM.             |

25. Signature 	Name (Printed/Typed) Terry L. Hoffman	Date 02/22/2008
Title Regulatory Manager		

Approved by (Signature) 	Name (Printed/Typed) Assistant Field Manager	Date 5/9/08
Title Assistant Field Manager,		
Office Division of Resources		

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.  
Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*(Instructions on page 2)

CONDITIONS OF APPROVAL ATTACHED

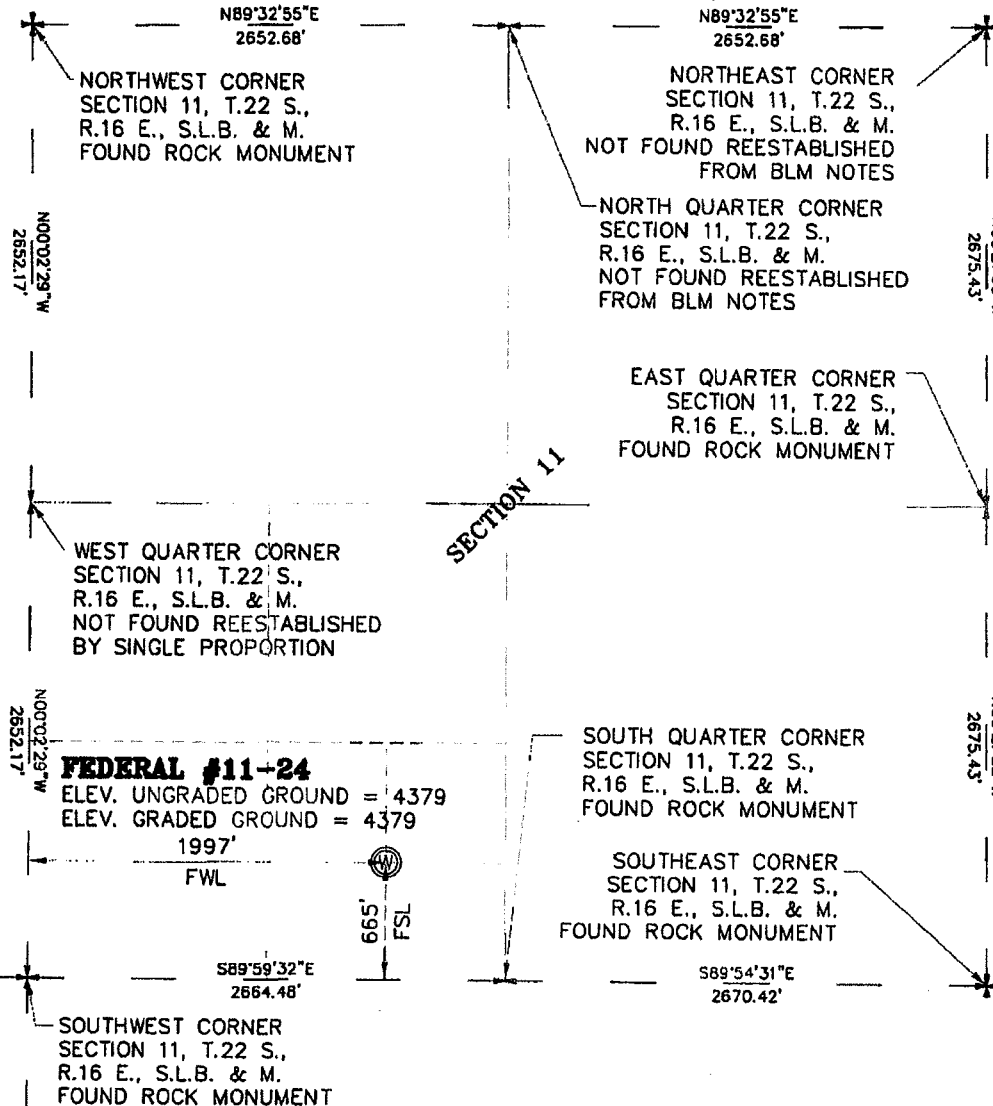
RECEIVED

MAY 13 2008

DIV. OF OIL, GAS & MINING

RECEIVED  
NOAR FILE  
2008 FEB 25

# SECTION 11, T.22 S., R.16 E., S.L.B. & M.



## PROJECT

### DELTA PETROLEUM CORPORATION

WELL LOCATION, LOCATED AS SHOWN  
IN THE SE 1/4 OF THE SW 1/4 OF  
SECTION 11, T.22 S., R.16 E., S.L.B. & M.  
GRAND COUNTY, UTAH

## LEGEND



SECTION CORNER AS NOTED  
QUARTER CORNER AS NOTED  
PROPOSED WELL LOCATION

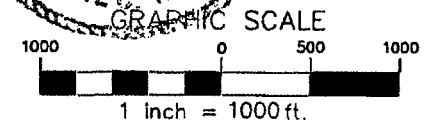
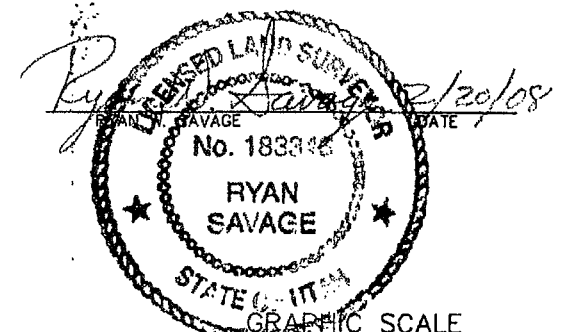
NOTE: THE PURPOSE OF THIS SURVEY WAS TO PLAT  
FEDERAL #11-24 WELL  
LOCATED IN THE SE 1/4 OF THE SW 1/4 OF  
SECTION 11, T.22 S., R.16 E., S.L.B. & M.  
GRAND COUNTY, UTAH.

## BASIS OF ELEVATION

ELEVATION BASED ON TRIANGULATION STATION ABRES  
LOCATED IN THE SE 1/4 OF SECTION 34, T.22 S.,  
R.17 E., S.L.B. & M.  
ELEVATION USED 4451.95

## CERTIFICATE

THIS IS TO CERTIFY THAT THIS PLAT WAS PREPARED FROM  
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME UNDER  
MY SUPERVISION, AND THAT THE SAME ARE TRUE AND  
CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



## BASIS OF BEARING

BASIS OF BEARING USED WAS S89°59'32"E BETWEEN THE SOUTHWEST CORNER  
AND THE SOUTH 1/4 CORNERS OF SECTION 11, T.22 S., R.16 E., S.L.B. & M.

WELL LATITUDE: 38°54'29.557"N OR 38.90821  
WELL LONGITUDE: -110°07'33.423"W OR -110.125951

## Savage Surveying, Inc.

1925 South Industrial Park Rd.  
Reno, NV 89501  
Office: 435-896-8635  
Fax: 435-898-0220



## WELL LOCATION PLAT FOR

### FEDERAL #11-24

DESIGNED BY	DRAWN NAME	SCALE	DATE	PROJECT NUMBER	SHEET NUMBER
T.K.S.	LOCATION	1" = 1000'	02-20-08	0709-0075	1
	SURVEYED BY	CHECKED BY	DRAWN BY		
		R.W.S.	R.W.S.		

CONFIDENTIAL



Delta Petroleum Corporation  
**Greentown Federal 11-24**  
Lease UTU-82153  
SE/SW Sec. 11, T22S, R16E  
Grand County, Utah

**A COMPLETE COPY OF THIS APPROVED PERMIT and Conditions of Approval shall be maintained on location during all construction and drilling operations, and shall be available to contractors to ensure compliance.**

#### CONDITIONS OF APPROVAL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Be advised that Delta Petroleum Corporation is considered to be the operator of the above well and is responsible under the terms and conditions of the lease for the operations conducted on the leased lands.

Bond coverage for this well is provided by **UTB000200** (Principal – Delta Petroleum Corporation) via surety consent as provided for in 43 CFR 3104.2.

This office will hold the aforementioned operator and bond liable until the provisions of 43 CFR 3106.7-2 continuing responsibility are met.

This permit will be valid for a period of two years from the date of approval. After permit termination, a new application must be filed for approval.

All lease operations will be conducted in full compliance with applicable regulations (43 CFR 3100), Onshore Oil and Gas Orders, lease terms, notices to lessees, and the approved plan of operations. The operator is fully responsible for the actions of subcontractors. Failure to comply with the provisions of this permit, including applicable regulations, stipulations, and/or approval conditions, will be considered a violation subject to the enforcement provisions of 43 CFR Subpart 3163.

## A. DRILLING PROGRAM

1. The proposed BOP system (5M to intermediate shoe, then 10M to TD) is adequate for anticipated conditions, with one exception. Lines on the 10M choke manifold must be 3" minimum, in place of 2" depicted on the schematic. Installation, testing and operation of the BOPE systems shall be in conformance with Onshore Oil and Gas Order No. 2.
2. When the 10M BOPE is in use, a remote kill line, rated and tested to a minimum of 10,000 psi working pressure, shall be installed. The remote kill line shall run unobstructed to the edge of the substructure.
3. A pipe ram shall be installed on the BOP stack to fit each size of drill pipe that is in use.
4. A mud-gas separator shall be installed prior to drilling out the intermediate casing shoe.
5. Concurrent approval from the State of Utah, Division of Oil, Gas & Mining (DOGM) is required before conducting any surface disturbing activities.
6. Drilling reports, which describe the activities of each day, shall be submitted to the BLM Moab Field Office on a weekly, or more frequent, basis. In addition to a daily summary of activities, drilling reports shall include the drilling fluid weight, details of casing and cement, water flows, lost circulation zones and any other information that would contribute to our understanding of drilling conditions.
7. A pressure integrity test of the intermediate casing shoe shall be conducted prior to drilling more than 20 feet below the shoe (Onshore Order #2.III.B.1.i). The test shall expose the shoe to the mud weight equivalent anticipated to control the formation pressure at total well depth. This is not a bleed-off test, but rather, is intended to ensure the intermediate casing shoe can withstand anticipated pressures. The test shall be recorded in the driller log.
8. If the intermediate casing cement does not circulate to surface, a Cement Bond Log (CBL) or other appropriate tool for determining cement effectiveness shall be run.

## **B. SURFACE**

### **Paleontology**

1. Construction of the road to the 15-33 well cannot be commenced until the paleontological survey is received and reviewed. Once this survey is reviewed, BLM will provide authorization to begin construction activities.
2. The operator is responsible for notifying the contractor of his responsibilities for informing employees/sub-contractors of the potential for prosecution if paleontological resources are disturbed.
3. The operator will stop work and notify BLM if paleontological resources are discovered while working on the project.
4. The operator will contract a paleontologist to examine constructed well pads and access roads for presence of significant paleontological resources prior to installation of pit liners and further development activities.

### **Wildlife**

1. In order to protect nesting raptors, no road or well pad construction, drilling or well completion operations, or construction of production facilities will be authorized between February 1 and August 31. Most raptors typically require a ½ mile buffer except burrowing owls which require a ¼ mile buffer to protect nest site and nest activity. Raptor and kit fox surveys would be required during breeding and nesting season by a qualified biologist. The restriction would reduce potential impacts to other bird species, prairie dogs and kit fox when the young would be raised. The limitation does not apply to maintenance and operation of producing wells. Exceptions will be granted to this limitation and will be specified in writing by the Moab Field Office.

NOTE: Western Land Services (WLS) has completed a nesting raptor survey of the project area. No nesting raptors were identified within 0.5 miles of the proposed well, road and pipeline locations. Based on the survey and report from WLS, an exception to the Condition of Approval for nesting raptors is granted through February 28, 2009.

### **Air Quality**

1. Dust control will be provided during construction and drilling operations by spraying fresh water on new road construction, roads being maintained, and the well pad.
2. During construction, emissions of particulate matter from well pad and resource road construction will be minimized by application of water, or other dust suppressants, with at least 50 percent control efficiency. Roads and well locations constructed on soils susceptible to wind erosion could be appropriately surfaced or otherwise stabilized to reduce the amount of fugitive dust generated by traffic or other activities, and dust inhibitors (surfacing materials, non-saline dust suppressants, and water) could be used as necessary on unpaved collector, local and resource roads that present a fugitive dust problem. The use of chemical dust suppressants on BLM surface will require prior approval from the BLM authorized officer.

### **Construction**

1. No produced water or other fluids will be disposed on the well pads or roads.
2. At the end of drilling operations and prior to reclamation of the reserve pit, the top of the pit will be covered with netting of one inch or less to prevent access by birds while the pit is drying.
3. The pit will not be left open for more than 1 year from the completion of drilling activities. If necessary the pit will be drained by a vac-truck and then closed prior to the 1 year deadline.
4. If the well becomes a producing well, a tank surrounded by an earthen berm will be used to contain produced water. This is in order to eliminate the need for a pit during production.
5. The operator shall maintain the existing roads in a safe, usable condition, as directed by the Moab Field Office and Grand County Road Department. The maintenance program shall include, but is not limited to, blading, ditching, installing culverts, and if needed, surfacing the road with rock materials. The operator shall conduct all activities associated with the Grand County roads within the existing surface disturbances of the maintained roads. The operator shall repair all damages to the county roads resulting from traffic associated with constructing, drilling, and producing the well.
6. Impacts from new well pad and road construction would be minimized by appropriate drainage control (ie. water bars, low water crossings in ephemeral drainages, etc). If the wells go into production, mitigation of impacts to soils would include 1) upgrading roads to BLM Gold Book standards if/when the wells go to production and 2) reclamation of any unused areas (ie. well pad, unneeded road access). If the well is not produced, then reclamation would mitigate and reduce impacts to soils.
7. Low water crossings will be constructed at original streambed elevation in a manner that will prevent any blockage or restriction of the existing channel. Material removed will be stockpiled for use in reclamation of the crossings.
8. Drill pads and new roads to non-producing wells should be reclaimed. Reclamation should include removal of new road and the incorporation of a seed mix that would provide a vegetation structure as close to the existing plant community as possible.
9. The operator will monitor for noxious weeds that might move onto the location. If any are discovered a Integrated Pest Management Plan will be created and need BLM approval prior to beginning any treatment program.
10. Provide 4 inches of aggregate where grades exceed 8% for stability and erosion prevention.

## Visuals

1. The operator will paint all permanent (in place for 6 months or more) above ground structures a color that will match the surrounding environment. The color that has been chosen for this location is Slate Gray (Munsell Soil Color 5Y 6/1).

## Lands

1. The approval of this project does not grant authority to use off lease Federal lands. No access or surface activity is allowed on the affected leases on Federal lands until right-of-way grants become authorized.
2. The approval of this project does not grant authority to use State lands. Proper approval from SITLA is required before construction activities can commence.

## Reclamation

1. The operator will be responsible for weed control on the disturbed areas within the limits of the well pad and road construction. The operator will be responsible for consultation with the authorized officer and/or local authorities for acceptable weed control methods.
2. The operator shall salvage the topsoil from entire disturbed area of the location prior to construction of the pad. This includes removal of topsoil from the areas where spoil piles will be stored.
3. The operator will drill seed on the contour to a depth of 0.5 inch, followed by cultipaction to compact the seedbed, preventing soil and seed losses. To maintain quality and purity, the current years tested, certified seed with a minimum germination rate of 80% and a minimum purity of 90% will be used. Use the following seed mix:

Species – Cultivar	% in Mix	Lbs PLS*
Indian Ricegrass - <i>Achnatherum hymenoides</i>	40	4
Fourwing saltbush – <i>Atriplex canescens</i>	25	2.5
Sand Dropseed – <i>Sporobolus cryptandrus</i>	10	1
Shadscale - <i>Atriplex confertifolia</i>	25	2.5
Totals	100%	10 lbs/acre

\*PLS = pure live seed

\*Double this rate if broadcast seeding

Slopes too steep for machinery may be hand broadcast and raked with twice the specified amount of seed.

4. Drill pads and new roads to non-producing wells should be reclaimed with prior approval from BLM. Reclamation should include removal of new road and the incorporation of a

seed mix that would provide a vegetation structure as close to the existing plant community as possible.

Please contact Ben Kniola, Natural Resource Specialist, Bureau of Land Management, Moab, at (435) 259-2127, if there are any questions concerning these surface use COAs.

### C. REQUIRED APPROVALS, REPORTS AND NOTIFICATIONS

Required verbal notifications are summarized in Table 1, attached.

Building Location- Notify the Moab Field Office at least 48-hours prior to commencing construction of location.

Spud- Notify the Moab Field Office 24-hours prior to spud. Submit written notification (Sundry Notice, Form 3160-5) to the Moab Field Office within 24-hours after spud, regardless of whether using a dry hole digger or big rig.

Daily Drilling Reports- Daily drilling reports that describe the progress and status of the well shall be submitted to the Moab Field Office on at least a weekly basis. This report may be in any format customarily used by the operator.

Oil and Gas Operations Reports (OGORs)- Production from this well shall be reported to Minerals Management Service (MMS) on a monthly basis.

Sundry Notices- Any modification to the proposed drilling program shall be submitted to the Moab Field Office on a Sundry Notice (Form 3160-5). Regulations at 43 CFR 3162.3-2 describe which operations require prior approval, and which require notification.

Drilling Suspensions- Operations authorized by this permit shall not be suspended for more than 30 days without prior approval of the Moab Field Office. All conditions of this approval shall be applicable during any operations conducted with a replacement rig.

Undesirable Events- Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be immediately reported to the BLM in accordance with requirements of NTL-3A.

Cultural Resources- If cultural resources are discovered during construction, immediately notify the Moab Field Office, and work that might disturb the cultural resources shall cease.

First Production- A first production conference will be scheduled as soon as the productivity of the well is apparent. This conference should be coordinated through the Moab Field Office.

Notify the Moab Field Office when the well is placed into production. Initial notification may be verbal, but must be confirmed in writing within five business days. Please include the date production started, the producing formation and production volumes.

Well Completion Report- Whether the well is completed as a dry hole or as a producer, a *Well Completion or Recompletion Report and Log* (Form 3160-4) shall be submitted to the Moab Field Office within thirty-days after completion of the well. Two copies of all logs, core descriptions, core analyses, well test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. When requested, samples (cuttings and/or samples) will be submitted to the Moab Field Office.

Venting/Flaring of Gas- Gas produced from this well may not be vented/flared beyond an initial, authorized test period of 30 days or 50 MMcf, whichever first occurs, without the prior, written approval of the Moab Field Office. Should gas be vented or flared without approval beyond the authorized test period, the well may be ordered to be shut-in until the gas can be captured or until approval to continue the venting/flaring pursuant to NTL-4A is granted. Compensation shall be due for gas that is vented/flared without approval.

Produced Water- An application for approval of a permanent disposal method and location will be submitted to the Moab Field Office for approval pursuant to Onshore Oil and Gas Order No.7.

Off-Lease Measurement, Storage, Commingling- Prior approval must be obtained from the Moab Field Office for off-lease measurement, off-lease storage and/or commingling of production prior to the sales measurement point. The term "commingling" describes both the combining of production from different geologic zones and/or combining production from different leases or agreement areas.

Plugging and Abandonment- If the well is a dry hole, plugging instructions must be obtained from the Moab Field Office prior to initiating plugging operations.

A "Subsequent Report of Abandonment" (Sundry Notice, Form 3160-5) will be filed with the Moab Field Office within thirty-days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Upon completion of approved plugging, a regulation marker will be erected in accordance with 43 CFR 3162.6. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the Moab Field Office or the appropriate surface managing agency.

#### TABLE 1

#### NOTIFICATIONS

Notify Ben Kniola (435-259-2127) or Jack Johnson (435-259-2129) of the BLM Moab Field Office for the following:

2 days prior to commencement of dirt work, construction and reclamation (Kniola);

1 day prior to spud (Kniola);

50 feet prior to reaching the surface casing setting depth (Johnson);

3 hours prior to testing BOP equipment (Johnson).

If the person at the above number cannot be reached, notify the BLM Moab Field Office at 435-259-2100.

Well abandonment operations require 24-hour advance notice and prior approval. In the case of newly drilled dry holes, verbal approval can be obtained from:

Eric Jones, Petroleum Engineer

Office: 435-259-2117

Home: 435-259-2214



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**DIVISION OF OIL, GAS AND MINING**

***SPUDDING INFORMATION***

Name of Company: DELTA PETROLEUM CORP

Well Name: FEDERAL 11-24

Api No: 43-019-31575 Lease Type: FEDERAL

Section 11 Township 22S Range 16E County GRAND

Drilling Contractor ROCKY MOUNTAIN DRLG RIG # RATHOLE

**SPUDDED:**

Date 05/24/08

Time 9:00 AM

How DRY

***Drilling will Commence:*** \_\_\_\_\_

Reported by JAY BRUNDAGE

Telephone # (970) 712-2427

Date 05/27//08 Signed CHD

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 6

**ENTITY ACTION FORM**

Operator: Delta Petroleum Corporation Operator Account Number: N 2925  
Address: 370 17th Street, Suite 4300  
city Denver  
state CO zip 80202 Phone Number: (303) 575-0397

**Well 1**

API Number	Well Name		QQ	Sec	Twp	Rng	County
4301931575	Federal 11-24		SESW	11	22S	16E	Grand
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
A	99999	16969	5/24/2008		7/15/08		
Comments: <i>PINK</i> <div style="float: right; font-weight: bold; font-size: 1.2em;">CONFIDENTIAL</div>							

**Well 2**

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
Comments:							

**Well 3**

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
Comments:							

**ACTION CODES:**

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

Kate Shirley

Name (Please Print)

Signature

Regulatory Technician

Title

7/15/2008

Date

RECEIVED

JUL 15 2008

DIV. OF OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill, or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

**SUBMIT IN TRIPLICATE - Other instructions on page 2.**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Delta Petroleum Corporation

**CONFIDENTIAL**

3a. Address

370 17th Street, Suite 4300  
Denver CO 80202

3b. Phone No. (include area code)

Phone: 303-293-9133  
Fax: 303-298-8251

5. Lease Serial No.

UTU82153

6. If Indian, Allottee or Tribe Name

---

7. If Unit or CA/Agreement, Name and/or No.

----

8. Well Name and No.

Federal 11-24

9. API Well No.

43-019-31575

10. Field and Pool or Exploratory Area

Wildcat

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

665' FSL 1,997' FWL Sec. 11 T 22S R 16E

11. County or Parish, State

Grand, Utah

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment Notice

☐ Acidize

☐ Alter Casing

☐ Casing Repair

☐ Change Plans

☐ Convert to Injection

☐ Deepen

☐ Fracture Treat

☐ New Construction

☐ Plug and Abandon

☐ Plug Back

☐ Production (Start/Resume)

☐ Reclamation

☐ Recomplete

☐ Temporarily Abandon

☐ Water Disposal

☐ Water Shut-Off

☐ Well Integrity

☒ Other

Horizontal Leg

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with the BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleation in a new interval, a form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

This SN is to request a horizontal leg to be drilled from the Federal 11-24 vertical wellbore. The bottom hole location will be located at  $\pm 1,200'$  FSL  $\pm 755'$  FEL,  $\pm 2,637.8'$  to the northeast of the surface hole location, of Sec. 11 T22S R16E at a True Vertical Depth (TVD) of 9,498' and a Measured Depth (MD) of 11,960'. The bottom hole location will be located in the same federal lease (UTU82153). The Federal 11 24 pilot hole vertical wellbore will be drilled to a MD of 10,400'. Delta plans to plug back and circulate 500 sxs of Halliburton Granite cement from Total Depth (TD) to  $\pm 9,089'$  MD. A whipstock will be placed at  $\pm 9,089'$  MD, a window will be milled out into the Paradox Salt formation above the zone of interest. The Kick-Off-Point (KOP) is estimated at  $\pm 9,089'$  MD. The target formation for the lateral will be the "O" Zone. Please see the attached Directional Survey.

Delta's BLM bond number is UTB000200.

576550X

38.908939

43068344

-110.117124

14. I hereby certify that the foregoing is true and correct.

Name (Printed/Typed)

Kimberly J. Rodell 303-820-4480

Permit Agent for:

Title: Delta Petroleum Corporation

Signature

*Kimberly J. Rodell*

Date: September 10, 2008

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title  
Office

BRADLEY G. HILL  
ENVIRONMENTAL MANAGER

Date

09-25-08

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**COPY SENT TO OPERATOR**

Date: 2.29.2008

Initials: KS

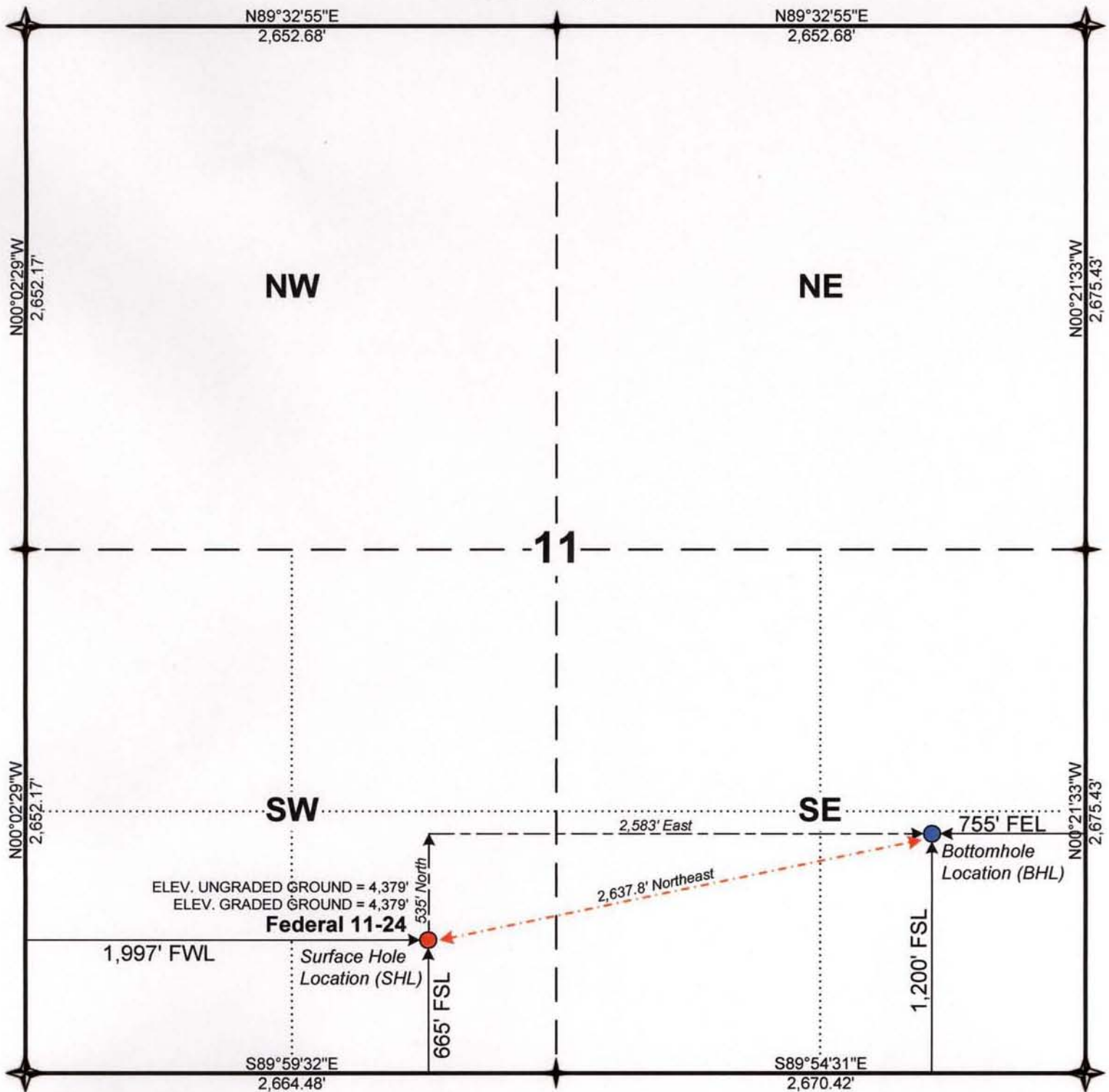
**Federal Approval of this  
Action is Necessary**

**RECEIVED**

**SEP 11 2008**

**DIV. OF OIL, GAS & MINING**

Delta Petroleum Corporation  
**Federal 11-24**  
 (SE/4 SW/4) Sec. 11 T22S R16E S.L.B. & M.  
 Grand County, Utah



**LEGEND**



Section corner as noted



Quarter section as noted



Proposed Surface Location

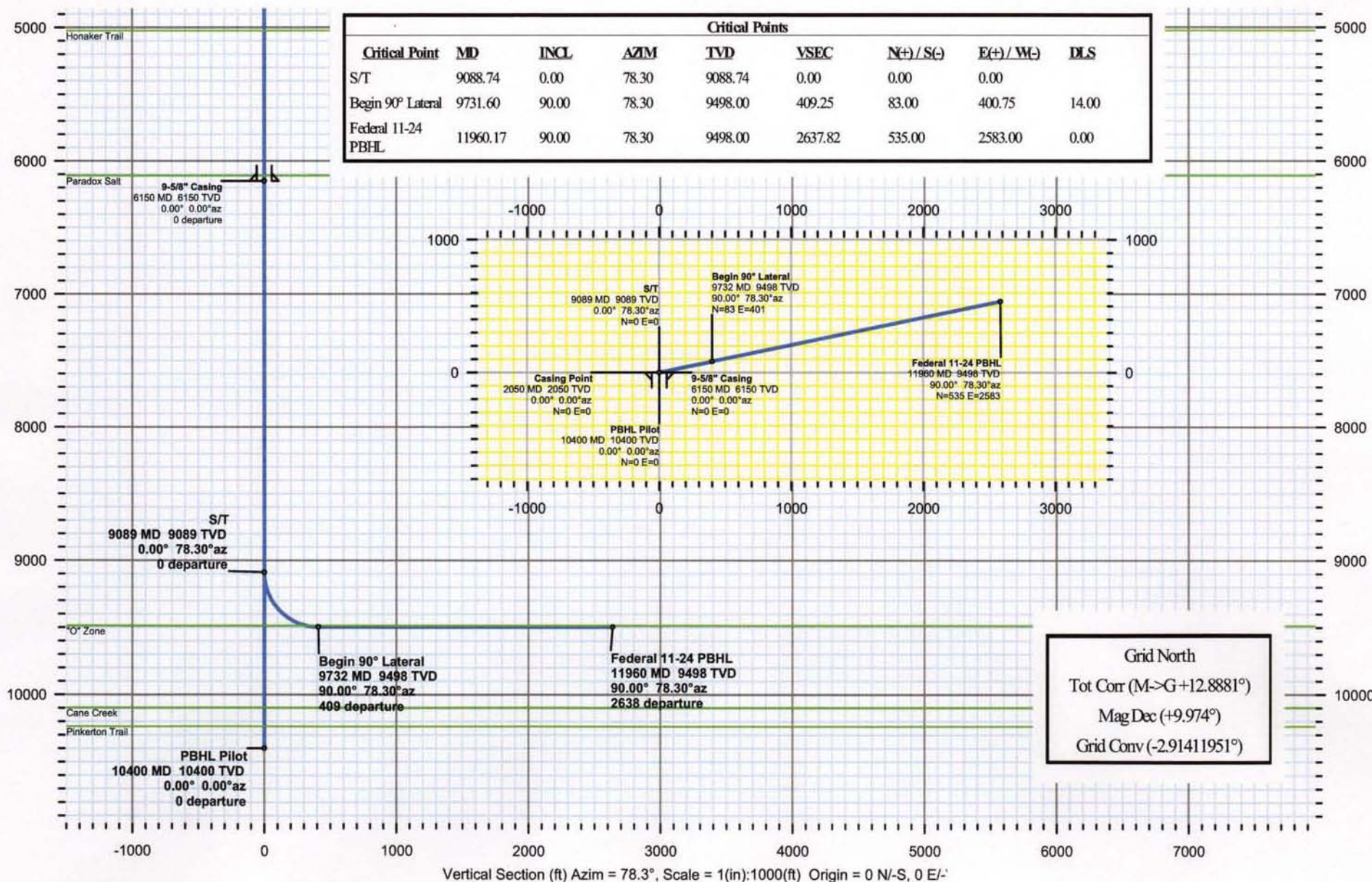


Proposed Bottomhole Location

This is a reasonable approximation of the well site location and horizontal drilling plan based on the legal survey data and the directional drilling company wellbore design. It is not a legal plat.



WELL	Federal 11-24		FIELD	Grand County, Utah (NAD 83)		STRUCTURE	Federal 11-24	
Magnetic Parameters	Model	ICMP 2000	Dir	44.770°	Dec	July 31, 2000	Surface Location	NAD83 Utah State Plane, Central Zone, SUT Feet
			Mag Dec	+9.974°	P.D.	40100.7 ft	Lat	N20 31 27.861
							Long	109 16 2 57 116
							Northgr	6.00 RLSD
							Drillng	0.00 RLSD
							Grid Cons	-2 91411951"
							Scale Fact	1.004274883
Measurements	Stn	804	Plan	Federal 11-24 well	TVD Ref	1040 (+100.00 ft above MSL)	Stop Date	July 31, 2000



# Planning Proposal

<b>Report Date:</b> July 31, 2008	<b>Survey / DLS Computation Method:</b> Minimum Curvature / Lubinski
<b>Client:</b> Delta Petroleum Corporation	<b>Vertical Section Azimuth:</b> 78.300°
<b>Field:</b> Grand County , Utah (NAD 83)	<b>Vertical Section Origin:</b> N 0.000 ft, E 0.000 ft
<b>Structure / Slot:</b> Federal 11-24 / Slot	<b>TVD Reference Datum:</b> RKB
<b>Well:</b> Federal 11-24	<b>TVD Reference Elevation:</b> 4392.0 ft relative to MSL
<b>Borehole:</b> Sidetrack	<b>Sea Bed / Ground Level Elevation:</b> 4380.000 ft relative to MSL
<b>UWI/API#:</b>	<b>Magnetic Declination:</b> 9.974°
<b>Survey Name / Date:</b> Federal 11-24 rev1 / July 31, 2008	<b>Total Field Strength:</b> 40100.734 nT
<b>Tort / AHD / DDI / ERD ratio:</b> 90.000° / 2637.82 ft / 5.476 / 0.278	<b>Magnetic Dip:</b> 44.770°
<b>Grid Coordinate System:</b> NAD83 Utah State Planes, Central Zone, US Feet	<b>Declination Date:</b> July 31, 2008
<b>Location Lat/Long:</b> N 20 31 27.661, W 116 2 57.116	<b>Magnetic Declination Model:</b> IGRF 2005
<b>Location Grid N/E Y/X:</b> N 0.000 ftUS, E 0.000 ftUS	<b>North Reference:</b> Grid North
<b>Grid Convergence Angle:</b> -2.91411951°	<b>Total Corr Mag North -&gt; Grid North:</b> +12.888°
<b>Grid Scale Factor:</b> 1.05427469	<b>Local Coordinates Referenced To:</b> Well Head

Comments	Measured Depth (ft)	Inclination (deg)	Azimuth (deg)	TVD (ft)	Vertical Section (ft)	NS (ft)	EW (ft)	DLS (deg/100 ft)	Closure (ft)	Closure Azimuth (deg)
Tie-In	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	100.00	0.00	78.30	100.00	0.00	0.00	0.00	0.00	0.00	0.00
	200.00	0.00	78.30	200.00	0.00	0.00	0.00	0.00	0.00	0.00
	300.00	0.00	78.30	300.00	0.00	0.00	0.00	0.00	0.00	0.00
	400.00	0.00	78.30	400.00	0.00	0.00	0.00	0.00	0.00	0.00
	500.00	0.00	78.30	500.00	0.00	0.00	0.00	0.00	0.00	0.00
	600.00	0.00	78.30	600.00	0.00	0.00	0.00	0.00	0.00	0.00
	700.00	0.00	78.30	700.00	0.00	0.00	0.00	0.00	0.00	0.00
	800.00	0.00	78.30	800.00	0.00	0.00	0.00	0.00	0.00	0.00
	900.00	0.00	78.30	900.00	0.00	0.00	0.00	0.00	0.00	0.00
	1000.00	0.00	78.30	1000.00	0.00	0.00	0.00	0.00	0.00	0.00
	1100.00	0.00	78.30	1100.00	0.00	0.00	0.00	0.00	0.00	0.00
	1200.00	0.00	78.30	1200.00	0.00	0.00	0.00	0.00	0.00	0.00
	1300.00	0.00	78.30	1300.00	0.00	0.00	0.00	0.00	0.00	0.00
	1400.00	0.00	78.30	1400.00	0.00	0.00	0.00	0.00	0.00	0.00
	1500.00	0.00	78.30	1500.00	0.00	0.00	0.00	0.00	0.00	0.00
	1600.00	0.00	78.30	1600.00	0.00	0.00	0.00	0.00	0.00	0.00
	1700.00	0.00	78.30	1700.00	0.00	0.00	0.00	0.00	0.00	0.00
	1800.00	0.00	78.30	1800.00	0.00	0.00	0.00	0.00	0.00	0.00
	1900.00	0.00	78.30	1900.00	0.00	0.00	0.00	0.00	0.00	0.00
	2000.00	0.00	78.30	2000.00	0.00	0.00	0.00	0.00	0.00	0.00
	2100.00	0.00	78.30	2100.00	0.00	0.00	0.00	0.00	0.00	0.00
	2200.00	0.00	78.30	2200.00	0.00	0.00	0.00	0.00	0.00	0.00
	2300.00	0.00	78.30	2300.00	0.00	0.00	0.00	0.00	0.00	0.00
	2400.00	0.00	78.30	2400.00	0.00	0.00	0.00	0.00	0.00	0.00
	2500.00	0.00	78.30	2500.00	0.00	0.00	0.00	0.00	0.00	0.00
	2600.00	0.00	78.30	2600.00	0.00	0.00	0.00	0.00	0.00	0.00
	2700.00	0.00	78.30	2700.00	0.00	0.00	0.00	0.00	0.00	0.00
	2800.00	0.00	78.30	2800.00	0.00	0.00	0.00	0.00	0.00	0.00
	2900.00	0.00	78.30	2900.00	0.00	0.00	0.00	0.00	0.00	0.00
	3000.00	0.00	78.30	3000.00	0.00	0.00	0.00	0.00	0.00	0.00
	3100.00	0.00	78.30	3100.00	0.00	0.00	0.00	0.00	0.00	0.00
	3200.00	0.00	78.30	3200.00	0.00	0.00	0.00	0.00	0.00	0.00
	3300.00	0.00	78.30	3300.00	0.00	0.00	0.00	0.00	0.00	0.00
	3400.00	0.00	78.30	3400.00	0.00	0.00	0.00	0.00	0.00	0.00

Comments	Measured Depth (ft)	Inclination (deg)	Azimuth (deg)	TVD (ft)	Vertical Section (ft)	NS (ft)	EW (ft)	DLS (deg/100 ft)	Closure (ft)	Closure Azimuth (deg)
	3500.00	0.00	78.30	3500.00	0.00	0.00	0.00	0.00	0.00	0.00
	3600.00	0.00	78.30	3600.00	0.00	0.00	0.00	0.00	0.00	0.00
	3700.00	0.00	78.30	3700.00	0.00	0.00	0.00	0.00	0.00	0.00
	3800.00	0.00	78.30	3800.00	0.00	0.00	0.00	0.00	0.00	0.00
	3900.00	0.00	78.30	3900.00	0.00	0.00	0.00	0.00	0.00	0.00
	4000.00	0.00	78.30	4000.00	0.00	0.00	0.00	0.00	0.00	0.00
	4100.00	0.00	78.30	4100.00	0.00	0.00	0.00	0.00	0.00	0.00
	4200.00	0.00	78.30	4200.00	0.00	0.00	0.00	0.00	0.00	0.00
	4300.00	0.00	78.30	4300.00	0.00	0.00	0.00	0.00	0.00	0.00
	4400.00	0.00	78.30	4400.00	0.00	0.00	0.00	0.00	0.00	0.00
	4500.00	0.00	78.30	4500.00	0.00	0.00	0.00	0.00	0.00	0.00
	4600.00	0.00	78.30	4600.00	0.00	0.00	0.00	0.00	0.00	0.00
	4700.00	0.00	78.30	4700.00	0.00	0.00	0.00	0.00	0.00	0.00
	4800.00	0.00	78.30	4800.00	0.00	0.00	0.00	0.00	0.00	0.00
	4900.00	0.00	78.30	4900.00	0.00	0.00	0.00	0.00	0.00	0.00
	5000.00	0.00	78.30	5000.00	0.00	0.00	0.00	0.00	0.00	0.00
	5100.00	0.00	78.30	5100.00	0.00	0.00	0.00	0.00	0.00	0.00
	5200.00	0.00	78.30	5200.00	0.00	0.00	0.00	0.00	0.00	0.00
	5300.00	0.00	78.30	5300.00	0.00	0.00	0.00	0.00	0.00	0.00
	5400.00	0.00	78.30	5400.00	0.00	0.00	0.00	0.00	0.00	0.00
	5500.00	0.00	78.30	5500.00	0.00	0.00	0.00	0.00	0.00	0.00
	5600.00	0.00	78.30	5600.00	0.00	0.00	0.00	0.00	0.00	0.00
	5700.00	0.00	78.30	5700.00	0.00	0.00	0.00	0.00	0.00	0.00
	5800.00	0.00	78.30	5800.00	0.00	0.00	0.00	0.00	0.00	0.00
	5900.00	0.00	78.30	5900.00	0.00	0.00	0.00	0.00	0.00	0.00
	6000.00	0.00	78.30	6000.00	0.00	0.00	0.00	0.00	0.00	0.00
	6100.00	0.00	78.30	6100.00	0.00	0.00	0.00	0.00	0.00	0.00
	6200.00	0.00	78.30	6200.00	0.00	0.00	0.00	0.00	0.00	0.00
	6300.00	0.00	78.30	6300.00	0.00	0.00	0.00	0.00	0.00	0.00
	6400.00	0.00	78.30	6400.00	0.00	0.00	0.00	0.00	0.00	0.00
	6500.00	0.00	78.30	6500.00	0.00	0.00	0.00	0.00	0.00	0.00
	6600.00	0.00	78.30	6600.00	0.00	0.00	0.00	0.00	0.00	0.00
	6700.00	0.00	78.30	6700.00	0.00	0.00	0.00	0.00	0.00	0.00
	6800.00	0.00	78.30	6800.00	0.00	0.00	0.00	0.00	0.00	0.00
	6900.00	0.00	78.30	6900.00	0.00	0.00	0.00	0.00	0.00	0.00
	7000.00	0.00	78.30	7000.00	0.00	0.00	0.00	0.00	0.00	0.00
	7100.00	0.00	78.30	7100.00	0.00	0.00	0.00	0.00	0.00	0.00
	7200.00	0.00	78.30	7200.00	0.00	0.00	0.00	0.00	0.00	0.00
	7300.00	0.00	78.30	7300.00	0.00	0.00	0.00	0.00	0.00	0.00
	7400.00	0.00	78.30	7400.00	0.00	0.00	0.00	0.00	0.00	0.00
	7500.00	0.00	78.30	7500.00	0.00	0.00	0.00	0.00	0.00	0.00
	7600.00	0.00	78.30	7600.00	0.00	0.00	0.00	0.00	0.00	0.00
	7700.00	0.00	78.30	7700.00	0.00	0.00	0.00	0.00	0.00	0.00
	7800.00	0.00	78.30	7800.00	0.00	0.00	0.00	0.00	0.00	0.00
	7900.00	0.00	78.30	7900.00	0.00	0.00	0.00	0.00	0.00	0.00
	8000.00	0.00	78.30	8000.00	0.00	0.00	0.00	0.00	0.00	0.00
	8100.00	0.00	78.30	8100.00	0.00	0.00	0.00	0.00	0.00	0.00
	8200.00	0.00	78.30	8200.00	0.00	0.00	0.00	0.00	0.00	0.00
	8300.00	0.00	78.30	8300.00	0.00	0.00	0.00	0.00	0.00	0.00
	8400.00	0.00	78.30	8400.00	0.00	0.00	0.00	0.00	0.00	0.00
	8500.00	0.00	78.30	8500.00	0.00	0.00	0.00	0.00	0.00	0.00
	8600.00	0.00	78.30	8600.00	0.00	0.00	0.00	0.00	0.00	0.00
	8700.00	0.00	78.30	8700.00	0.00	0.00	0.00	0.00	0.00	0.00

Comments	Measured Depth (ft)	Inclination (deg)	Azimuth (deg)	TVD (ft)	Vertical Section (ft)	NS (ft)	EW (ft)	DLS (deg/100 ft)	Closure (ft)	Closure Azimuth (deg)
	8800.00	0.00	78.30	8800.00	0.00	0.00	0.00	0.00	0.00	0.00
	8900.00	0.00	78.30	8900.00	0.00	0.00	0.00	0.00	0.00	0.00
S/T	9000.00	0.00	78.30	9000.00	0.00	0.00	0.00	0.00	0.00	0.00
	9088.74	0.00	78.30	9088.74	0.00	0.00	0.00	0.00	0.00	0.00
	9100.00	1.58	78.30	9100.00	0.15	0.03	0.15	14.00	0.15	78.30
	9200.00	15.58	78.30	9198.63	15.03	3.05	14.72	14.00	15.03	78.30
	9300.00	29.58	78.30	9290.74	53.33	10.82	52.22	14.00	53.33	78.30
Begin 90° Lateral	9400.00	43.58	78.30	9370.85	112.77	22.87	110.42	14.00	112.77	78.30
	9500.00	57.58	78.30	9434.20	189.82	38.50	185.88	14.00	189.82	78.30
	9600.00	71.58	78.30	9477.02	279.91	56.77	274.10	14.00	279.91	78.30
	9700.00	85.58	78.30	9496.78	377.69	76.60	369.84	14.00	377.69	78.30
	9731.60	90.00	78.30	9498.00	409.25	83.00	400.75	14.00	409.25	78.30
	9800.00	90.00	78.30	9498.00	477.66	96.88	467.73	0.00	477.66	78.30
	9900.00	90.00	78.30	9498.00	577.66	117.16	565.65	0.00	577.66	78.30
	10000.00	90.00	78.30	9498.00	677.66	137.44	663.57	0.00	677.66	78.30
	10100.00	90.00	78.30	9498.00	777.66	157.72	761.50	0.00	777.66	78.30
	10200.00	90.00	78.30	9498.00	877.66	178.01	859.42	0.00	877.66	78.30
	10300.00	90.00	78.30	9498.00	977.66	198.29	957.34	0.00	977.66	78.30
	10400.00	90.00	78.30	9498.00	1077.66	218.57	1055.26	0.00	1077.66	78.30
	10500.00	90.00	78.30	9498.00	1177.66	238.85	1153.18	0.00	1177.66	78.30
	10600.00	90.00	78.30	9498.00	1277.66	259.13	1251.10	0.00	1277.66	78.30
	10700.00	90.00	78.30	9498.00	1377.66	279.41	1349.03	0.00	1377.66	78.30
	10800.00	90.00	78.30	9498.00	1477.66	299.70	1446.95	0.00	1477.66	78.30
	10900.00	90.00	78.30	9498.00	1577.66	319.98	1544.87	0.00	1577.66	78.30
	11000.00	90.00	78.30	9498.00	1677.66	340.26	1642.79	0.00	1677.66	78.30
	11100.00	90.00	78.30	9498.00	1777.66	360.54	1740.71	0.00	1777.66	78.30
	11200.00	90.00	78.30	9498.00	1877.66	380.82	1838.63	0.00	1877.66	78.30
	11300.00	90.00	78.30	9498.00	1977.66	401.11	1936.56	0.00	1977.66	78.30
	11400.00	90.00	78.30	9498.00	2077.66	421.39	2034.48	0.00	2077.66	78.30
	11500.00	90.00	78.30	9498.00	2177.66	441.67	2132.40	0.00	2177.66	78.30
	11600.00	90.00	78.30	9498.00	2277.66	461.95	2230.32	0.00	2277.66	78.30
	11700.00	90.00	78.30	9498.00	2377.66	482.23	2328.24	0.00	2377.66	78.30
	11800.00	90.00	78.30	9498.00	2477.66	502.52	2426.16	0.00	2477.66	78.30
	11900.00	90.00	78.30	9498.00	2577.66	522.80	2524.08	0.00	2577.66	78.30
Federal 11-24 PBHL	11960.17	90.00	78.30	9498.00	2637.82	535.00	2583.00	0.00	2637.82	78.30

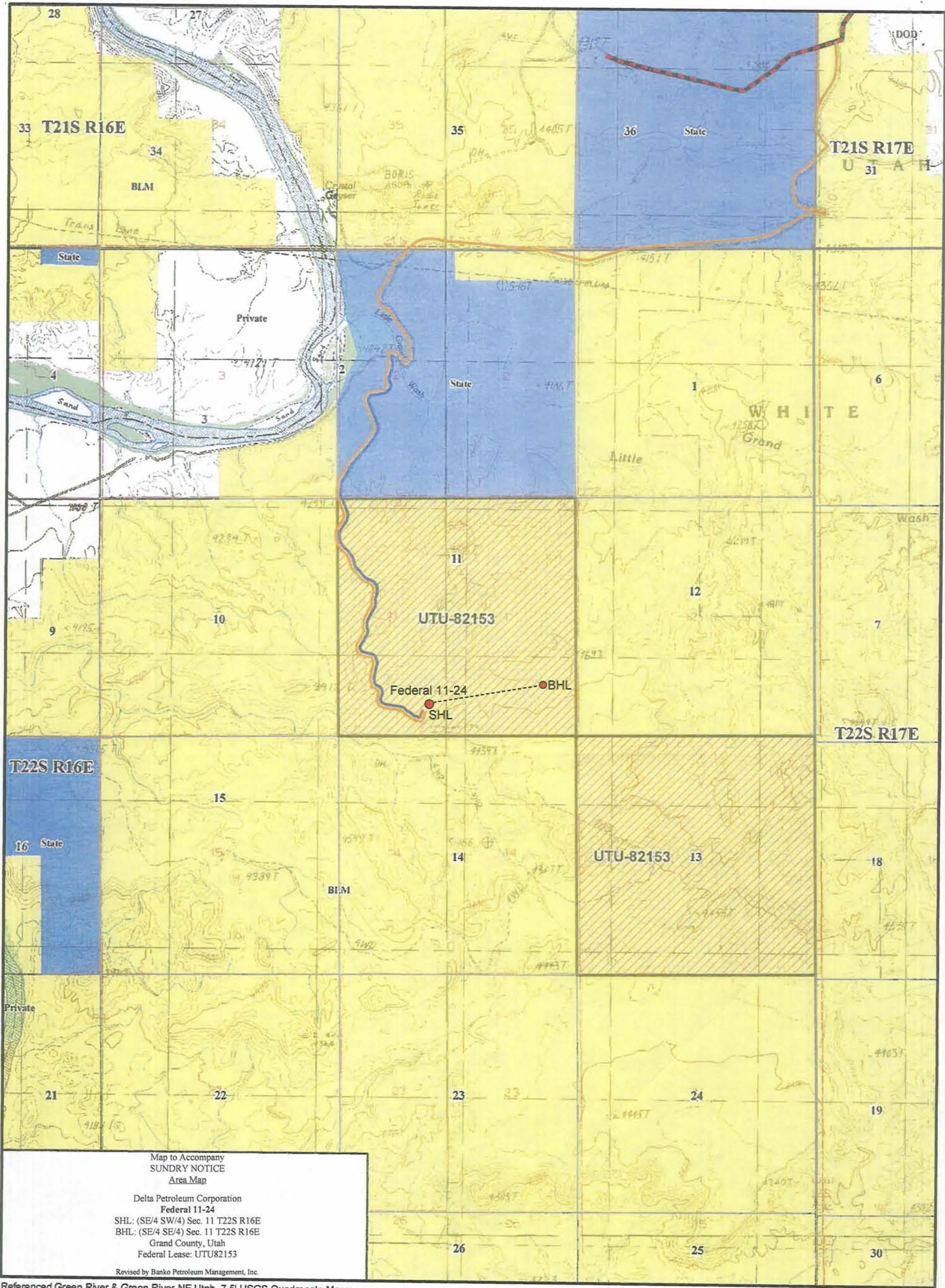
**Survey Type:** Non-Def Proposal

**Survey Error Model:** SLB ISCWSA version 24 \*\*\* 3-D 95.00% Confidence 2.7955 sigma

**Surveying Prog:**

MD From (ft)	MD To (ft)	EOU Freq	Survey Tool Type	Borehole -> Survey
0.00	12.00	1/100.00	SLB_UNKNOWN-Depth Only (default tool used)	Original Hole -> Federal 11-24 Pilot rev0
12.00	9088.74	1/100.00	SLB_UNKNOWN (default tool used)	Original Hole -> Federal 11-24 Pilot rev0
9088.74	11960.17	1/100.00	SLB_UNKNOWN (default tool used)	Sidetrack -> Federal 11-24 rev1





Referenced Green River & Green River NE Utah, 7.5' USGS Quadrangle Maps

**Legend**

- Upgrade Existing Class D Road
- New Road
- Greentown Discharge Pipeline
- Greentown Pipeline Gathering System

- Lease
- BLM
- DOD
- STATE

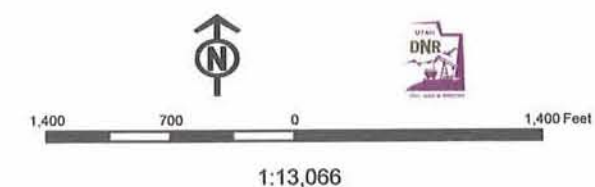
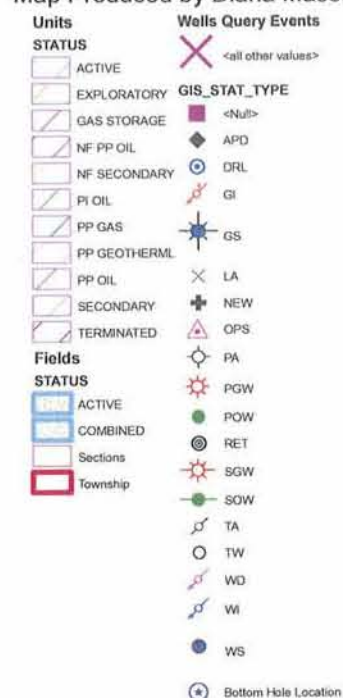






API Number: 4301931575  
Well Name: FEDERAL 11-24  
Township 22.0 S Range 16.0 E Section 11  
Meridian: SLBM  
Operator: DELTA PETROLEUM CORP

Map Prepared:  
Map Produced by Diana Mason



**UTAH DIVISION OF OIL, GAS AND MINING**

**NOTICE OF REPORTING PROBLEMS**

Operator: Delta Petroleum Corp Account: N2925 Today's Date: 10/23/2008

Problems:

- ☒ Late Report(s)  
☐ Inaccurate Report(s)  
☐ Incomplete Report(s)  
☐ Other: \_\_\_\_\_

Failure to submit reports in a timely, accurate, and complete manner may result in the issuance of a Notice of Violation by the Division of Oil, Gas and Mining, and may result in the Division pursuing enforcement action as outlined in Rule R649-10, Administrative Procedures, and Section 40-6-11 of the Utah Code.

**To avoid compliance action, these reporting problems should be resolved within 7 days.**

Send reports to:

Utah Division of Oil, Gas and Mining  
 1594 West North Temple, Suite 1210  
 P.O. Box 145801  
 Salt Lake City, Utah 84114-5801

Fax to:

(801) 359-3940

43-019-31575  
 11 225 162  
 Federal 11-24

Type of Report	Month(s) of Problem Report		
<input type="checkbox"/> Production – Form 10 <input type="checkbox"/> Disposition – Form 11 <input type="checkbox"/> Gas Plant – Form 13 <input type="checkbox"/> Enhanced Recovery – UIC Form 2 <input type="checkbox"/> Injection – UIC Form 3 <input type="checkbox"/> Other _____			
Type of Report	Well Name(s)	API Number(s)	Drilling Commenced
<input type="checkbox"/> Spud Notice – Form 9 <input checked="" type="checkbox"/> Drilling Reports – Form 9 <input type="checkbox"/> Well Completion Report – Form 8 <input type="checkbox"/> Other _____	<input checked="" type="checkbox"/> List Attached		

Description of Problem:

Per R649-3-6 2.4 The operator shall submit a monthly status report for each drilling well on Form 9, Sundry Notices and Reports on Wells. The report should include the well depth and a description of the operations conducted on the well during the month.

If you have questions or concerns regarding this matter, please contact Rachel Medina at (801) 538-5260 .

cc: Compliance File  
 RAM  
 Well File  
 CHD

**ATTACHMENT**

[illegible]

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**CONFIDENTIAL**

FORM APPROVED  
CMB No. 1004-0137  
Expires: July 31, 2010

**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an  
abandoned well. Use Form 3160-3 (APD) for such proposals.**

UTU-82153

6. If Indian, Allottee or Tribe Name  
NA

**SUBMIT IN TRIPLICATE – Other instructions on page 2.**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator  
Delta Petroleum Corporation

3a. Address  
370 17th St., Suite 4300 - Denver, CO 80202

3b. Phone No. (include area code)  
Hannah Knopping - 303-575-0397

7. If Unit of CA/Agreement, Name and/or No.  
NA

8. Well Name and No.  
Federal 11-24

9. API Well No.  
4301931575

10. Field and Pool or Exploratory Area  
Wildcat

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
SESW 8665' FSL & 1997' FWL - Section 11-T22S-R16E, SLM

11. Country or Parish, State  
Grand County, Utah

**12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <u>Weekly Well History</u>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompletable horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletable in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

**TIGHT HOLE STATUS**

Delta spud the Federal 11-24 on 8/14/2008  
Surface casing was set @ 2062' on 8/19/2008.  
Cemented to surface with:  
Lead: 735 sxs PRB-2-SBM, 2.95 yld, 11.5#  
Tail: 410 sxs PRB-2-SBM, 1.81 yld, 13.5#

Please see attached "Drilling Chronological Regulatory Report" from 8/05/2008 - 9/07/2008.

Current Status: Drilling Ahead.

14. I hereby certify that the foregoing is true and correct.

Name (Printed/Typed)  
Hannah Knopping

Title Regulatory Agent

Signature

Date

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make any statement or representation to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

**RECEIVED**

**DEC 30 2008**

**DIV. OF OIL, GAS & MINING**

# Delta Petroleum Corporation

370 17th St. Suite #4300  
Denver, CO 80202  
(303) 293-9133

# DELTA

PETROLEUM CORPORATION

## Drilling Chronological Regulatory

<b>Well Name: Federal 11-24</b>											
Field Name:		Wildcat		S/T/R:		11/22S/16E		County, State:		Grand, UT	
Operator:		Delta Petroleum Corporation		Location Desc:				District:		Northern	
Project AFE:		4172		AFEs Associated:						/ / /	
<b>Daily Summary</b>											
Activity Date :		8/6/2008		Days From Spud :		-9		Current Depth :		0 Ft	
24 Hr. Footage Made :										0 Ft	
Rig Company :		DHS		Rig Name:				DHS #10			
Formation :				Weather:							
<b>Operations</b>											
Start	Hrs	Code	Remarks						Start Depth	End Depth	Run
6:00	24.00	01	HELD PJSM W/ DHS, CHAPMAN, DELTA. LOAD OUT MUD PUMPS, POWER PLANT, KOMMEY, WATER TANK, DIESEL TANK, CAMP TO GTF 11-24 LOCATION. ASSEMBLE CAMP. LAY OVER A-LEG AND ATTACH FIFTH WHEEL TO CROWN.						0	0	NIH
Total:		24.00									
<b>Daily Summary</b>											
Activity Date :		8/7/2008		Days From Spud :		-8		Current Depth :		0 Ft	
24 Hr. Footage Made :										0 Ft	
Rig Company :				Rig Name:							
Formation :				Weather:							
<b>Operations</b>											
Start	Hrs	Code	Remarks						Start Depth	End Depth	Run
6:00	24.00	01	R/D, SPLIT MAST & HAUL T/ LOCATION GTF 11-24, MOVE PITS, SUBSTRUCTURE, MATTING BOARDS. INSTALLING 6" LINER & CHANGING OIL IN MP CATS.						0	0	NIH
Total:		24.00									
<b>Daily Summary</b>											
Activity Date :		8/8/2008		Days From Spud :		-7		Current Depth :		0 Ft	
24 Hr. Footage Made :										0 Ft	
Rig Company :				Rig Name:							
Formation :				Weather:							
<b>Operations</b>											
Start	Hrs	Code	Remarks						Start Depth	End Depth	Run
6:00	24.00	01	SET MUD PITS, MATTING BOARDS, SUBSTRUCTURE, PRIME MOVERS, DWKS, ROTARY TABLE, STAIRS TO PITS, WATER TANK. CHANGED OIL IN PRIME MOVERS, MUD PUMP GEAR END & CAT ENGINES, ALL LINERS C/O OUT T/ 6" & FLUID ENDS EXPENDABLES INSPECTED & C/O. 2 EACH 7" DC'S, 5 EACH 6 1/2" DC'S, 43 RANDON 4 1/2" DP ALL OK.						0	0	NIH
Total:		24.00									
<b>Daily Summary</b>											
Activity Date :		8/9/2008		Days From Spud :		-6		Current Depth :		0 Ft	
24 Hr. Footage Made :										0 Ft	
Rig Company :				Rig Name:							
Formation :				Weather:							
<b>Operations</b>											
Start	Hrs	Code	Remarks						Start Depth	End Depth	Run
6:00	24.00	01	R/U MAST & PIN SAME, DHS WELDER WELD OUT DRILLERS SIDE A-LEG & PARTICLE INSPECT SAME, SPOT MUD PUMPS, KOOMEY PLANT, POWER PLANT, DIESEL TANK, TDS POWER PLANT, TRIP TANK, ZECO MUD PROSCCESS EQUIPMENT, CATWALK W/ RACK FOR BLOCK STRING UP. CONNECT COMPOUND & DWKS CHAINS. 65% RIG UP						0	0	NIH
Total:		24.00									

RECEIVED

DEC 30 2008

**Well Name:Federal 11-24**

Field Name:	Wildcat	S/T/R:	11/22S/16E	County, State:	Grand, UT
Operator:	Delta Petroleum Corporation	Location Desc:		District:	Northern

**Daily Summary**

Activity Date :	8/10/2008	Days From Spud :	-5	Current Depth :	0 Ft	24 Hr. Footage Made :	0 Ft
Rig Company :				Rig Name:			
Formation :				Weather:			

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	24.00	01	R/U MAST FOR RAISING, CRANE SPOT ZECO VMGS, STAIRS & TESCO TDS, STRING UP BLOCKS, RAISE MAST & PIN SAME @ 13:00 HRS, R/U RIG FLOOR, MUD PITS, PUMPS, FILL RIG WATER TANK, TRUELOCK'S WELDERS WORKING ON RIG MODIFICATIONS, DHS MECHANIC WORKING ON DWKS TRANSMISSION. ORDER PART FOR TRANSMISSION REPAIRS. 85% RIGGED UP	0	0	NIH

Total:	24.00	
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**Daily Summary**

Activity Date :	8/11/2008	Days From Spud :	-4	Current Depth :	0 Ft	24 Hr. Footage Made :	0 Ft
Rig Company :				Rig Name:			
Formation :				Weather:			

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	12.00	01	R/U RIG FLOOR, MONKEY BOARD, TDS HOSES, VMGS LINES, REPAIRING DWKS TRANSMISSION. TRUELOCK'S WELDING MAKING MODIFICATION TO RIG FOR SAFETY & R/U	0	0	NIH
18:00	4.00	08	RIG ON DOWN TIME REPAIRING DWKS TRANSMISSION.	0	0	NIH
22:00	8.00	01	TEST & REPAIR LEAKING KOOMEY HYDRAULIC HOSES, R/U VMGS & C & K LINES TO VMGS & SHAKERS, DIVERTER BOUY LINE	0	0	NIH

Total:	24.00	
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**Daily Summary**

Activity Date :	8/12/2008	Days From Spud :	-3	Current Depth :	0 Ft	24 Hr. Footage Made :	0 Ft
Rig Company :				Rig Name:			
Formation :				Weather:			

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	24.00	01	R/U TDS GUIDE RAIL, SWIVEL, TDS & FUNCTION TEST SAME OK, M/U ROTARY HOSE, FILL PITS W/ WATER & FUNCTION TEST DESANDER & DESILTER PUMPS. PRIME MUD PUMPS. M/U CHOKE HOSE T/ C & K MANIFOLD	0	0	NIH

Total:	24.00	
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**Daily Summary**

Activity Date :	8/13/2008	Days From Spud :	-2	Current Depth :	0 Ft	24 Hr. Footage Made :	0 Ft
Rig Company :				Rig Name:			
Formation :				Weather:			

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	2.00	01	R/U BAILS ON TDS, CHOKE LINE F/ MANIFOLD T/ SHAKERS	0	0	NIH
8:00	22.00	22	OFF LOAD HYDRIL, ROTATING HEAD & ORBIT VALVE. WELD OUT 20" FLANGE T/ CONDUCTOR PIPE, N/U HYDRIL, ROTATING HEAD, ORBIT VALVE, WELD OUT BLOOIE LINE & CHOKE LINE	0	0	NIH

Total:	24.00	
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# Well Name:Federal 11-24

Field Name:	Wildcat	S/T/R:	11/22S/16E	County,State:	Grand, UT
Operator:	Delta Petroleum Corporation	Location Desc:		District:	Northern

## Daily Summary

Activity Date :	8/14/2008	Days From Spud :	-1	Current Depth :	0 Ft	24 Hr. Footage Made :	0 Ft
Rig Company :				Rig Name:			
Formation :				Weather:			

## Operations

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	3.50	22	R/U BLOOIE LINE	0	0	NIH
9:30	1.00	23	LOAD DC'S ON PIPE RACK, SLM SAME	0	0	NIH
10:30	1.00	23	LOAD RIG FLOOR W/ DC LIFT SUBS, XO'S, SLIPS, DOG COLLAR CLAMP	0	0	NIH
11:30	6.50	23	RABBIT, CLEAN THREADS & P/U 15 STDS DC'S BY STDS & RACK BACK SAME	0	0	NIH
18:00	0.50	23	SLM 51 JTS DP	0	0	NIH
18:30	4.50	23	RABBIT, CLEAN THREADS & P/U 51 JTS 4 1/2" DP BY STDS & RACK BACK SAME	0	0	NIH
23:00	6.00	22	R/U AIRCOMP AIR PACKAGE T/ RIG STANDPIPE, BLOOIE LINE, SECURE BLOOIE LINE & HYDRIL, R/U PANIC LINE & SECURE SAME, ATTEMPT TO C/O ROTATING HEAD ELEMENT F/ DP T/ DC W/ OUT SUCCESS	0	0	NIH
5:00	1.00	23	ATTEMPT T/ STAB DC THROUGH DP ELEMENT W/ OUT SUCCESS WHILE WAITING ON WEATHERFORD VERNAL, ROCKSPRINGS T/ RETURN CALLS	0	0	NIH

Total: 24.00

## Daily Summary

Activity Date :	8/15/2008	Days From Spud :	1	Current Depth :	319 Ft	24 Hr. Footage Made :	319 Ft
Rig Company :				Rig Name:			
Formation :				Weather:			

## Operations

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	2.00	22	HELD PJSM W/ DHS, DELTA, AIRCOMP WHILE WAITING ON WEATHERFORD SERVICE TECH TO RETURN CALL.	0	0	NIH
8:00	3.00	22	C/O DP ELEMENT ON ROTATING HEAD T/ DC, STAB ELEMENT W/ DC & M/U TDS & FLUSH AIR THROUGH SYSTEM	0	0	NIH
11:00	1.50	22	M/U 17 1/2" BIT W/ HAMMER (D132), BIT SUB W/ BAFFEL PLATE, SURFACE TEST HAMMER GOOD	0	0	NIH
12:30	0.50	01	R/U .092 WIRE LINE UNIT	0	0	NIH
13:00	17.00	02	RIH & TAG CMT @ 85' RKB. AIR MIST DRILLING F/ 85' T/ 319', 234', 13.7 FPH, 4/6K WOB, 30 RPM, 3/4K TORQ, 15 BPH W/ 2 GAL FOAM EACH 20 BBLS WATER PUMPED, 2700/3000 CFM	0	0	NIH

Total: 24.00

## Daily Summary

Activity Date :	8/16/2008	Days From Spud :	2	Current Depth :	973 Ft	24 Hr. Footage Made :	654 Ft
Rig Company :				Rig Name:			
Formation :				Weather:			

## Operations

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	1.50	02	AIR MIST DRLG F/ 319' T/ 411'	319	411	1
7:30	0.50	22	LAY DOWN 3 DC'S & RIH W/ ONE FROM MAST	411	411	1
8:00	1.00	05	AIR MIST HOLE CLEAN	411	411	1
9:00	4.00	02	AIR MIST DRLG F/ 411' T/ 472'	411	472	1
13:00	0.50	05	AIR MIST, SOAP SWEEPS HOLE CLEAN BEFORE C/O ROTATING HEAD ELEMENT	472	472	1
13:30	1.00	22	C/O DC ROTATING HEAD ELEMENT T/ DP	472	472	1
14:30	0.50	02	AIR MIST DRLG F/ 472' / 504'	472	472	1
15:00	0.50	10	SURVEY @ 500', 1 DEGREE	472	472	1
15:30	11.00	02	AIR MIST DRLG F/ 472' T/ 860'	472	860	1
2:30	0.50	23	AIR BOOSTER RAN OUT OF DIESEL	860	860	1
3:00	0.50	05	AIR MIST CIRC.	860	860	1
3:30	2.50	02	AIR MIST DRLG F/ 860' T/ 973'	860	973	1

Total: 24.00



Well Name:Federal 11-24															
Field Name:		Wildcat		S/T/R:		11/22S/16E		County,State:		Grand, UT					
Operator:		Delta Petroleum Corporation		Location Desc:				District:		Northern					
Daily Summary															
Activity Date :		8/17/2008		Days From Spud :		3		Current Depth :		1575 Ft		24 Hr. Footage Made :		602 Ft	
Rig Company :		DHS				Rig Name:		DHS #10							
Formation :		Carmel				Weather:									
Operations															
Start	Hrs	Code	Remarks							Start Depth	End Depth	Run			
6:00	2.00	02	AIR MIST DRLG F/ 973' T/ 1,037', 64', 32 FPH							973	1037	1			
8:00	0.50	05	AIR MIST CIRC HOLE CLEAN FOR SURVEY							1037	1037	1			
8:30	0.50	10	SURVEY @ 1,000', 1/2 DEGREE							1037	1037	1			
9:00	1.50	02	AIR MIST DRLG F/ 1,037' T/ 1,135', 98', 65.3 FPH							1037	1135	1			
10:30	0.50	07	SERVICE RIG							1135	1135	1			
11:00	3.00	02	AIR MIST DRLG F/ 1,135' T/ 1,341', 206', 68.6 FPH							1135	1341	1			
14:00	0.50	22	BLOOIE LINE WASHED OUT BEHIND ORBIT VALVE, LINE UP ON PANIC LINE & SHAKER LINE FROM C & K MANIFOLD. CALL FOR WELDER							1341	1341	1			
14:30	1.00	02	AIR MIST DRLG F/ 1,341' T/ 1374', 60', 60 FPH							1341	1374	1			
15:30	0.50	05	AIR MIST CIRC OUT CUTTINGS							1374	1374	1			
16:00	3.50	02	AIR MIST DRLG F/ 1,374' T/ 1,442', 68', 19.4 FPH							1374	1442	1			
19:30	1.50	22	TRUELOCK'S WELDER PATCH BLOOIE LINE WASH OUT							1442	1442	1			
21:00	0.50	05	SWITCH LINE UP FROM CHOKE LINE T/ BLOOIE LINE & AIR MIST CIRC OUT CUTTINGS							1442	1442	1			
21:30	2.50	02	AIR MIST DRLG F/ 1,442' T/ 1,511', 69', 27.6 FPH							1442	1511	1			
0:00	1.00	10	SURVEY @ 1500', 1 DEGREE							1511	1511	1			
1:00	2.00	02	AIR MIST DRLG F/ 1,511' T/ 1,575', 64', 32 FPH							1511	1575	1			
3:00	0.50	05	AIR MIST & SOAP HOLE CLEAN FOR POOH							1575	1575	1			
3:30	1.50	06	PUMP OUT OF HOLE W/ MAX DRAG 45K/15K F/ 1575' T/ 946'							1575	1575	1			
5:00	0.50	05	AIR MIST & SOAP HOLE CLEAN @ 946'							1575	1575	1			
5:30	0.50	06	POOH F/ 964' T/ 567', MAX DRAG 5K							1575	1575	1			
Total:	24.00														
Daily Summary															
Activity Date :		8/18/2008		Days From Spud :		4		Current Depth :		1855 Ft		24 Hr. Footage Made :		280 Ft	
Rig Company :		DHS				Rig Name:		DHS #10							
Formation :		Navajo				Weather:									
Operations															
Start	Hrs	Code	Remarks							Start Depth	End Depth	Run			
6:00	3.00	06	CONT. POOH & B/O BIT #1 & M/U BIT #2							1575	1575	1			
9:00	1.50	06	RIH T/ 1,575', CIRC WATER OUT OF HOLE							1575	1575	NIH			
10:30	6.50	02	AIR MIST DRLG F/ 1,575' T/ 1,766', 191', 29.3 FPH							1575	1766	2			
17:00	2.00	22	WELDER PATCHING BLOOIE LINE							1766	1766	2			
19:00	3.00	06	AIR MIST DRLG F/ 1,766' T/ 1,832', 66', 22 FPH							1766	1832	2			
22:00	1.00	22	FLANGE BETWEEN ORBIT VALVE & BLOOIE LINE LEAKING, OPEN FLANGE & FOUND BOTH RING GROVES WASHED OUT & ORBIT BALL VALVE WASHED OUT							1832	1832	2			
23:00	1.00	22	POOH F/ 1,832' T/ 1,703' & RECIPROCATATE PIPE WHILE WAITING ON WELDER							1832	1832	2			
0:00	4.50	22	REMOVE ORBIT VALVE & CHOKE LINE FROM BLOOIE LINE & WELD IN 8" PIPE TO REPLACE WASHED ORBIT VALVE & CHOKE LINE							1832	1832	2			
4:30	1.00	06	RIH F/ 1,703' T/ 1,832',							1832	1832	2			
5:30	0.50	02	UNLOAD WATER FROM HOLE W/ AIR & AIR MIST DRLG F/ 1,832' T/ 1,855', 23', 46 FPH							1832	1855	2			
Total:	24.00														

# Well Name:Federal 11-24

Field Name:	Wildcat	S/T/R:	11/22S/16E	County, State:	Grand, UT
Operator:	Delta Petroleum Corporation	Location Desc:		District:	Northern

## Daily Summary

Activity Date :	8/19/2008	Days From Spud :	5	Current Depth :	2067 Ft	24 Hr. Footage Made :	212 Ft
Rig Company :	DHS	Rig Name:	DHS #10				
Formation :	Kayenta	Weather:					

## Operations

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	8.50	02	AIR MIST DRLG F/ 1,855' T/ 2,067', 212, 24.9 FPH	1855	2067	2
14:30	0.50	07	SERVICE RIG	2067	2067	2
15:00	1.50	05	PUMP SOAP PILL TO CLEAN HOLE	2067	2067	2
16:30	1.00	10	SURVEY @ 2067' & 2000'	2067	2067	2
17:30	2.00	08	#1 MUD PUMP WAS NOT LINED UP CORRECTLY & #2 MP CAT ENGINE UNABLE TO START	2067	2067	2
19:30	1.50	05	FILL HOLE W/ WATER	2067	2067	2
21:00	3.00	06	17 STD WIPER TRIP	2067	2067	2
0:00	0.50	08	REPAIR TDS HYDRAULIC LEAK	2067	2067	2
0:30	1.00	08	UNABLE TO CIRC DO TO LOW PIT VOLUME, FILLING PITS W/ WATER FROM RESERVE	2067	2067	2
1:30	1.00	05	CIRC. B/U	2067	2067	2
2:30	3.50	06	POOH TO RUN 13.375" CSG	2067	2067	2
Total:	24.00					

## Daily Summary

Activity Date :	8/20/2008	Days From Spud :	6	Current Depth :	2067 Ft	24 Hr. Footage Made :	0 Ft
Rig Company :	DHS	Rig Name:	DHS #10				
Formation :	Kayenta	Weather:					

## Operations

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	1.00	06	CONT. POOH & L/D HAMMER & BIT	2067	2067	2
7:00	0.50	22	CLEAN RIG FLOOR & REMOVE TDS ELEVATORS & BAILS	2067	2067	NIH
7:30	0.50	22	R/U CSG. EQUIPMENT & HELD PJSM W/ DHS, DELTA, B&L CSG. CREW	2067	2067	NIH
8:00	1.00	12	M/U SHOE, 1- JT 13.375" CSG; FLOAT	2067	2067	NIH
9:00	6.00	12	RUN 48 JTS 13.375" CSG; TAG BRIDGE @ 2,034' W/ FULL RETURNS	2067	2067	NIH
15:00	2.00	12	M/U CMT HEAD & CHICKSANS 26' HIGH IN MAST	2067	2067	NIH
17:00	3.50	05	FILL CSG. W/ 76 BBL WATER & WASH F/ 2,034' T/ 2,060' W/ 8 BPM & 116 PSI & FILL ANNULAS W/ 179 BBLs RECIPROCATING CSG. W/ FULL RETURNS WHILE R/U HAL'B.	2067	2067	NIH
20:30	3.50	12	HELD PJSM W/ DHS, DELTA, HAL'B, R/U CHICKSANS & PRESSURE TEST SAME T/ 2500 PSI & CMT: 20 BBL GELLED WATER SPACER W/ 0.2 GPB LGC-36 UC, 10 BBL WATER SPACER, 735 SX LEAD CMT PRB-2-SBM, RATE 7.5 BPM, 11.5 LBM/GAL DENSITY, 2.95 FT3/SX YIELD, 17.37 GAL/SX MIX FLUID, 5 LBM GILSONITE, 0.125 LBM POLY-E-FLAKE, 17.371, GAL FRESH WATER, 410 SX TAIL CMT PRB-2-SB, RATE 6 BPM, DENSITY 13.5 LBM/GAL, 1.81 FT3/SX YIELD, 8.84 GAL/SX, 0.125 LBM PLOY-E-FLAKE, 5 LBM GILSONITE, 8.844 GAL FRESH WATER, DISPLACE W/ 311.5 BBL FRESH WATER @ 580 PSI, 160 BBLs CMT RETURNED, BUMP PLUG W/ 1400 PSI, CHECK FLOAT HOLDING	2067	2067	NIH
0:00	1.00	13	WAIT ON CMT: R/D HAL'B CHICKSANS & CMT HEAD	2067	2067	NIH
1:00	5.00	13	WAIT ON CMT: R/D BLOOIE LINE F/ ROTATING HEAD, BREAK ALL NUTS ON ROTATING HEAD, HYDRIL, REMOVE TURNBUCKLES, MOUSEHOLE, R/D CSG BAILS & R/U TDS BAILS, PUMP OUT CELLAR, ROUGH CUT 13.375" CSG, REMOVE ROTATING HEAD & HYDRIL	2067	2067	NIH
Total:	24.00					

Well Name: Federal 11-24											
Field Name:		Wildcat		S/T/R:		11/22S/16E		County, State:		Grand, UT	
Operator:		Delta Petroleum Corporation		Location Desc:				District:		Northern	
Daily Summary											
Activity Date :		8/21/2008		Days From Spud :		7		Current Depth :		2067 Ft	
24 Hr. Footage Made :		0 Ft									
Rig Company :		DHS				Rig Name:		DHS #10			
Formation :		Kayenta				Weather:					
Operations											
Start	Hrs	Code	Remarks						Start Depth	End Depth	Run
6:00	3.50	22	TAKE MEASUREMENTS FOR BOP SPACE OUT, PUMP OUT CELLAR, RIG DOWN BLOOIE LINE						2067	2067	NIH
9:30	3.00	23	FINAL CUT 13 3/8" CSG & WELD OUT CAMERON WELL HEAD						2067	2067	NIH
12:30	2.00	23	ATTEMPT T/ TEST WELD LEAKING, REMOVE "B" SECTION & WELD OUT INSIDE						2067	2067	NIH
14:30	2.50	23	ATTEMPT T/ TEST WELD LEAKING, RE-WELD & TEST T/ 500 PSI GOOD						2067	2067	NIH
17:00	13.00	14	N/U UP BOP						2067	2067	NIH
Total:		24.00									
Daily Summary											
Activity Date :		8/22/2008		Days From Spud :		8		Current Depth :		2067 Ft	
24 Hr. Footage Made :		0 Ft									
Rig Company :		DHS				Rig Name:		DHS #10			
Formation :		Kayenta				Weather:					
Operations											
Start	Hrs	Code	Remarks						Start Depth	End Depth	Run
6:00	6.50	14	N/U BOP: FINISHED INSTALLING ROTATING HEAD & HAMMERING ALL CONNECTIONS, R/U KOOMEY HYDRAULIC CONTROL HOSES. @ 08:00 HRS CALLED WEATHERFORD FOR MISSING BX155 RING GASKETS NOT SHIPPED.						2067	2067	NIH
12:30	3.00	22	WAITING ON BX155 RING GASKETS: R/U VMGS FLARE LINE & BLOOIE LINE						2067	2067	NIH
15:30	2.50	14	N/U C & K VALVES W/ BX155 RING GASKETS AND CHOKE HOSE. R/U ROTATING HOSES FROM POWER UNIT						2067	2067	NIH
18:00	1.00	14	CENTER UP BOP W/ TURNBUCKLES, SWITCH KOOMEY HOSE F/ CLOSE T/ OPEN & OPEN T/ CLOSE						2067	2067	NIH
19:00	7.00	15	FUNCTION TEST BOP, M/U TEST ASSY & TEST TIW VALVES, LOWER & UPPER TDS VALVES T/ 250/5K 5MIN EACH TEST & STAND PIPE T/ 250/ 4K 5 MIN. P/U MOUSE HOLE & SNGL DP, M/U TEST PLUG & ATTEMPT TO SEAT TEST PLUG SEVERAL TIMES UNSUCCESSFULLY. CALLED CAMERON, SINGLE JACK TESTERS, WEATHERFORD FOR ASSISTANCE, SINGLE JACK TESTERS SENDING C-22 TEST PLUG W/ CAMERON NEW O-RING						2067	2067	NIH
2:00	4.00	01	R/U BLOOIE LINE F/ ROTATING HEAD OVER SHAKERS TO RESERVE PIT & WELDERS FABRICATING STANDS FOR SAME						2067	2067	NIH
Total:		24.00									
Daily Summary											
Activity Date :		8/23/2008		Days From Spud :		9		Current Depth :		2067 Ft	
24 Hr. Footage Made :		0 Ft									
Rig Company :		DHS				Rig Name:		DHS #10			
Formation :		Kayenta				Weather:					
Operations											
Start	Hrs	Code	Remarks						Start Depth	End Depth	Run
6:00	4.00	22	WHILE WAITING ON NEW TEST PLUG & O-RING SEAL FOR TEST PLUG, FINISHED R/U BLOOIE LINE, RE-DRESSED BOTH 4" OTECO VALVES ON MUD PUMP STANDPIPE WHICH FAILED BOP TEST, COMPLETED REPAIRS ON DESANDER CENTRIFUGAL PUMP						2067	2067	NIH
10:00	4.00	22	ATTEMPT T/ TEST TPR, FLANGES LEAKING ON LPR, MUD CROSS, DOUBLE PR, HAMMER TIGHT ALL FLANGES						2067	2067	NIH
14:00	8.00	15	TEST C & K MANIFOLD, LPR, TPR, CHECK VALVE, C & K VALVES T/250/5K 5 MIN. TEST EACH, ACCUMULATOR TEST GOOD, EST BLIND RAMS & CASING T/ 1,000 PSI, REBUILD 2" VALVE ON STANDPIPE & RE-TEST SAME T/ 250/4K 5 MIN TEST EACH,						2067	2067	NIH
22:00	2.50	14	N/U KILL LINE ACCESS TEE VALVES FOR MUD PUMP, HAL'B						2067	2067	NIH
0:30	1.00	15	TEST KILL LINE ACCESS VALVES T/ 250/5K 5 MIN EACH						2067	2067	NIH
1:30	1.00	22	SET WEAR BUSHING, CLEAN RIG FLOOR						2067	2067	NIH
2:30	1.50	22	SET PIPE RACKS, LOAD 30 JTS DP ON SAME, SLM, P/U & RABBIT DP RIH, POOH & SET BACK SAME						2067	2067	NIH
4:00	2.00	22	R/U AIRCOMP TO STANDPIPE, BLOOIE LINE						2067	2067	NIH
Total:		24.00									

# Well Name:Federal 11-24

Field Name:	Wildcat	S/T/R:	11/22S/16E	County, State:	Grand, UT
Operator:	Delta Petroleum Corporation	Location Desc:		District:	Northern

## Daily Summary

Activity Date :	8/24/2008	Days From Spud :	0	Current Depth :	3000 Ft	24 Hr. Footage Made :	933 Ft
Rig Company :	DHS	Rig Name:	DHS #10	Formation :	Moenkopi	Weather:	

## Operations

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	0.50	22	RETRIEVE WB	2067	2067	NIH
6:30	0.50	06	M/U 12 1/4" HAMMER BHA #3	2067	2067	3
7:00	0.50	22	RUN WB	2067	2067	3
7:30	3.50	06	RIH T/ 1985'	2067	2067	3
11:00	0.50	22	INSTALL RH	2067	2067	3
11:30	2.50	22	ELECTRICAN WIRE IN WEATHERFORD RH POWER UNIT	2067	2067	3
14:00	0.50	07	SERVICE RIG	2067	2067	3
14:30	1.00	03	TAG CMT @ 2011', WASH & REAM CMT F/ 2011' FC, SHOE T/ 2060', RAT HOLE F/ 2060' T/ 2067'	2067	2067	3
15:30	1.00	02	AIR MIST DRLG 12 1/4" HOLE F/ 2067' T/ 2089', 22', 22 FPH	2067	2089	3
16:30	1.00	02	DRY MIST DRLG 12 1/4" HOLE F/ 2089' T/ 2155', 66', 66 FPH	2089	2155	3
17:30	8.00	02	AIR MIST DRLG 12 1/4" HOLE F/ 2155' T/ 2567', 412', 51.5 FPH	2155	2567	3
1:30	1.00	10	SURVEY @ 2567', 1 DEGREE	2567	2567	3
2:30	3.50	02	AIR MIST DRLG F/ 2567' T/ 3000', 433', 123.7 FPH	2567	3000	3
Total:	24.00					

## Daily Summary

Activity Date :	8/25/2008	Days From Spud :	0	Current Depth :	3627 Ft	24 Hr. Footage Made :	627 Ft
Rig Company :	DHS	Rig Name:	DHS #10	Formation :	White Rim	Weather:	

## Operations

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	1.50	02	AIR MIST DRLG F/ 3000' T/ 3092', 92', 61.3 FPH	3000	3092	3
7:30	1.00	10	ATTEMPT SURVEY @ 3067', 2 MISSFIRES, SURVEY TOOL BROKEN	3092	3092	3
8:30	0.50	07	SERVICE RIG	3092	3092	3
9:00	1.00	05	UNLOAD WATER FROM HOLE CLEAN	3092	3092	3
10:00	9.50	02	AIR MIST DRLG F/ 3092' T/ 3598', 506', 53.2 FPH	3092	3598	3
19:30	0.50	10	SURVEY @ 3567', 1 3/4 DEGREE	3598	3598	3
20:00	2.00	02	AIR MIST DRLG F/ 3598' T/ 3627', 29', 14.5 FPH	3598	3627	3
22:00	7.00	05	POOH	3627	3627	3
5:00	1.00	22	B/O BIT #3 & M/U BIT #4	3627	3627	NIH
Total:	24.00					

# Well Name:Federal 11-24

Field Name:	Wildcat	S/T/R:	11/22S/16E	County, State:	Grand, UT
Operator:	Delta Petroleum Corporation	Location Desc:		District:	Northern

## Daily Summary

Activity Date :	8/26/2008	Days From Spud :	12	Current Depth :	4189 Ft	24 Hr. Footage Made :	562 Ft
Rig Company :	DHS	Rig Name:	DHS #10				
Formation :	Cutler - Elephant Canyon mbr	Weather:					

## Operations

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	0.50	07	SERVICE RIG	3627	3627	4
6:30	2.50	06	RIH F/ 196' T/ 2081'	3627	3627	4
9:00	1.00	05	INSTALL RH & M/U TDS & UNLOAD WATER CLEAN	3627	3627	4
10:00	1.50	06	RIH F/ 2081' T/ 2703' & TAG BRIDGE	3627	3627	4
11:30	1.50	03	AIR MIST WASH & REAM F/ 2703' T/ 3067'	3627	3627	4
13:00	1.00	10	SURVEY @ 3067', 1 DEGREE	3627	3627	4
14:00	1.00	03	AIR MIST WASH & REAM F/ 3067' T/ 3409'	3627	3627	4
15:00	1.00	06	RIH F/ 3409' T/ 3627'	3627	3627	4
16:00	0.50	08	REPAIR RIG TDS C/O OIL FILTER	3627	3627	4
16:30	6.00	02	AIR MIST DRLG F/ 3627' T/ 4070', 443', 73.8 FPH	3627	4070	4
22:30	0.50	10	SURVEY @ 4067', 2 DEGREE	4070	4070	4
23:00	2.50	02	AIR MIST DRLG F/ 4070' T/ 4189', 119', 79.3 FPH	4070	4189	4
1:30	0.50	05	AIR MIST HOLE CLEAN	4189	4189	4
2:00	3.00	06	PUMP OUT OF HOLE F/ 4189' T/ 2748'	4189	4189	4
5:00	1.00	06	POOH F/ 2748' T/ 567'	4189	4189	4
Total:	24.00					

## Daily Summary

Activity Date :	8/27/2008	Days From Spud :	13	Current Depth :	4676 Ft	24 Hr. Footage Made :	487 Ft
Rig Company :	DHS	Rig Name:	DHS #10				
Formation :	Cutler - Elephant Canyon mbr	Weather:					

## Operations

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	0.50	07	SERVICE RIG	4189	4189	4
6:30	1.50	06	POOH F/ 567' T/ BIT #4	4189	4189	NIH
8:00	1.00	22	B/O BIT #4, C/O HAMMER & M/U BIT #5	4189	4189	5
9:00	0.50	22	SURFACE TEST HAMMER OK	4189	4189	5
9:30	2.00	06	RIH T/ 2081'	4189	4189	5
11:30	0.50	22	INSTALL RH	4189	4189	5
12:00	0.50	06	RIH F/ 2081' T/ 2744'	4189	4189	5
12:30	0.50	05	M/U TDS & UNLOAD WATER CLEAN	4189	4189	5
13:00	0.50	06	RIH F/ 2744' T/ 3473' & TAG BRIDGE	4189	4189	5
13:30	0.50	05	M/U TDS & UNLOAD WATER CLEAN	4189	4189	5
14:00	2.50	03	AIR MIST REAM F/ 3473' T/ 4189'	4189	4189	5
16:30	5.50	02	AIR MIST DRLG F/ 4189' T/ 4394'	4189	4394	5
22:00	0.50	22	BLOOE LINE WASHED OUT, PATCH SAME	4394	4394	5
22:30	5.50	02	AIR MIST DRLG F/ 4394' T/ 4638'	4394	4638	5
4:00	1.00	10	SURVEY @ 4567'	4638	4638	5
5:00	1.00	02	AIR MIST DRLG F/ 4638' T/ 4676'	4638	4676	5
Total:	24.00					

# Well Name:Federal 11-24

Field Name:	Wildcat	S/T/R:	11/22S/16E	County,State:	Grand, UT
Operator:	Delta Petroleum Corporation	Location Desc:		District:	Northern

## Daily Summary

Activity Date :	8/28/2008	Days From Spud :	14	Current Depth :	5205 Ft	24 Hr. Footage Made :	529 Ft
Rig Company :	DHS	Rig Name:	DHS #10				
Formation :	Honaker Trail	Weather:					

## Operations

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	0.50	07	SERVICE RIG	4676	4676	5
6:30	10.00	02	AIR MIST DRLG F/4676' T/ 5119', 443', 44.3 FPH	4676	5119	5
16:30	0.50	05	UNLOAD HOLE FOR SURVEY	5119	5119	5
17:00	1.50	10	SURVEY MISFIRE, SURVEY @ 5067', 1.1 DEGREE	5119	5119	5
18:30	3.00	02	AIR MIST DRLG F/ 5119' T/ 5205', 86', 28.6 FPH, BIT TORQUED UP & BACKED OFF DP JUST ABOVE BHA	5119	5205	5
21:30	0.50	22	SCREWED BACK INTO FISH & TORQUE SAME	5205	5205	5
22:00	8.00	06	PUMP OUT OF HOLE F/ 5205' T/ 2650'	5205	5205	5
Total:	24.00					

## Daily Summary

Activity Date :	8/29/2008	Days From Spud :	15	Current Depth :	5205 Ft	24 Hr. Footage Made :	0 Ft
Rig Company :	DHS	Rig Name:	DHS #10				
Formation :	Honaker Trail	Weather:					

## Operations

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	1.00	06	CONT. POOH F/ 2650' T/ 2007'	5205	5205	5
7:00	2.50	05	FILL HOLE W/ MUD	5205	5205	5
9:30	5.00	06	CONT. POOH F/ 2007' T/ HAMMER	5205	5205	5
14:30	1.00	22	L/D HAMMER, 1 - 6 1/2" DC, XO, 2 - 8 " DC'S	5205	5205	5
15:30	12.50	23	R/D BLOOIE LINE & INSTALL ORBIT VALVE & WELDER FABRICATE FLOW LINE TO FIT	5205	5205	NIH
4:00	2.00	22	PULL WB & SET TEST PLUG, OPEN CSG VALVE & FILL BOP W/ WATER & P/U RH & M/U TDS, LOCK IN RH TO TEST ORBIT VALVE & SYSTEM	5205	5205	NIH
Total:	24.00					

## Daily Summary

Activity Date :	8/30/2008	Days From Spud :	16	Current Depth :	5205 Ft	24 Hr. Footage Made :	0 Ft
Rig Company :	DHS	Rig Name:	DHS #10				
Formation :	Honaker Trail	Weather:					

## Operations

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	1.50	22	TEST ORBIT VALVE T/ 2K W/ RIG PUMP	5205	5205	NIH
7:30	1.00	23	R/U DHS NEW TONGS	5205	5205	NIH
8:30	1.00	22	SET WEAR BUSHING	5205	5205	NIH
9:30	4.50	22	LOAD BHA ON PIPE RACKS & SLM BHA, WHILE WELDING SAFETY DOOR ON V-DOOR POST, FINISH R/U NEW TONGS	5205	5205	NIH
14:00	5.50	22	P/U MTR & M/U BIT #6, REAMER,SHOCK SUB, MONEL, STAB, 6-8 1/4" DC'S & RIH W/ 6 1/2" DC'S & P/U JARS SERVICE BREAK ALL CONNECTION & FOUND NEXT TO LAST 6 1/2" DC LOOSE	5205	5205	6
19:30	4.00	06	RIH W/ DP T/ 2379' SERVICE BREAK CONNECTIONS	5205	5205	6
23:30	1.50	22	INSTALL RH & FILL PIPE & CHECK MTR OK	5205	5205	6
1:00	1.50	06	RIH F/ 2379' T/ 2790' & TAG BRIDGE	5205	5205	6
2:30	2.50	03	REAM TIGHT SPOT F/ 2790' T/ 2852', HOLE FALLING IN UNABLE TO REAM	5205	5205	6
5:00	1.00	05	RECIPROCATATE PIPE WHILE RAISING MUD WT T/ 8.6 ppg @ 2852'	5205	5205	6
Total:	24.00					

**Well Name:Federal 11-24**

Field Name:	Wildcat	S/T/R:	11/22S/16E	County, State:	Grand, UT
Operator:	Delta Petroleum Corporation	Location Desc:		District:	Northern

**Daily Summary**

Activity Date :	8/31/2008	Days From Spud :	17	Current Depth :	5301 Ft	24 Hr. Footage Made :	96 Ft
Rig Company :	DHS	Rig Name:	DHS #10				
Formation :	Honaker Trail	Weather:					

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	1.50	05	CIRC & COND MUD RAISING MUD WT F/ 8.4ppg T/ 8.7ppg	5205	5205	6
7:30	2.50	03	REAMING TIGHT HOLE F/ 2852' T/ 3010'	5205	5205	6
10:00	1.00	05	CIRC & COND MUD WHILE CLEANING OUT MUD PUMP FLUID ENDS	5205	5205	6
11:00	6.00	03	CONT REAMING F/ 3010' T/ 5205'	5205	5205	6
17:00	13.00	02	DRLG F/ 5205' T/ 5301', 96', 7.3 FPH, 20/33 KWOB, MTR RPM 64/90, TDS RPM 30/60, TDS TORQUE 2800/3869 FT/LBS, 425/600 GPM, DIFF PSI 60/280	5205	5301	6

Total: 24.00

**Mud Properties**

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
5234	20:30	8.90	8.80	32	3	4	4/5/0	88.0	0.0	1	0.00	2.8%	96.2%	0.0%	1.0%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
7.5	7.30	0.10	0.00	1.00	17000	2000	0	0.00	0.00	0	0	0.00		0	
Water Loss		LCM	ECD	FL Temp				Remarks							
0		0.0	0.0	85											

**Daily Summary**

Activity Date :	9/1/2008	Days From Spud :	18	Current Depth :	5449 Ft	24 Hr. Footage Made :	148 Ft
Rig Company :	DHS	Rig Name:	DHS #10				
Formation :	Honaker Trail	Weather:					

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	17.00	02	DRLG F/ 5301' T/ 5418', 117', 6.8 FPH	5301	5418	6
23:00	1.00	05	CIRC B/U FOR SURVEY	5418	5418	6
0:00	1.00	10	SURVEY @ 5385', 1.3 DEGREE	5418	5418	6
1:00	5.00	02	DRLG F/ 5418' T/ 5449', 31', 5.1 FPH	5418	5449	6
Total:	24.00					

**Mud Properties**

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
5301	20:30	8.90	8.80	32	3	4	4/5/0	88.0	0.0	1	0.00	2.8%	96.2%	0.0%	1.0%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
7.5	7.30	0.10	0.00	1.00	17000	2000	0	0.00	0.00	0	0	0.00		0	
Water Loss		LCM	ECD	FL Temp				Remarks							
0		0.0	0.0	85											

**Well Name:Federal 11-24**

Field Name:	Wildcat	S/T/R:	11/22S/16E	County,State:	Grand, UT
Operator:	Delta Petroleum Corporation	Location Desc:		District:	Northern

**Daily Summary**

Activity Date :	9/2/2008	Days From Spud :	19	Current Depth :	5549 Ft	24 Hr. Footage Made :	100 Ft
Rig Company :	DHS	Rig Name:	DHS #10				
Formation :		Weather:					

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	4.00	02	DRLG F/ 5449' T/ 5478', 29', 7.25 FPH, 33K WOB, 25/28 TDS RPM, TDS TORQ 2/3K, MTR RPM 75, 500 GPM, MAX GAS 39u	5449	5478	6
10:00	0.50	07	SERVICE RIG	5478	5478	6
10:30	12.00	02	DRLG F/ 5478' T/ 5549', 71', 5.9 FPH	5478	5549	6
22:30	1.00	05	CIRC B/U WHILE BUILDING SLUG	5549	5549	6
23:30	1.50	06	POOH INSIDE CSG T/ 1971', LOST DWKS, MUD PUMP ENGINES DO TO CONTAMINATED DIESEL FUEL	5549	5549	6
1:00	5.00	22	WESTERN PETRO SUCKED OUT CONTAMINATED GAS/DIESEL FUEL FROM RIG DAY TANK, MUD PUMPS, DWKS ENGINES & CAMP DAY TANKS. C/O FUEL FILTERS & WAIT ON NEW DIESEL TO ARRIVE LOCATION	5549	5549	6

Total:24.00

**Mud Properties**

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
5449	20:30	8.90	8.80	32	3	4	4/5/0	88.0	0.0	1	0.00	2.8%	96.2%	0.0%	1.0%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
7.5	7.30	0.10	0.00	1.00	17000	2000	0	0.00	0.00	0	0	0.00		0	
Water Loss	LCM	ECD	FL Temp	Remarks											
0	0.0	0.0	85												

**Daily Summary**

Activity Date :	9/3/2008	Days From Spud :	20	Current Depth :	5549 Ft	24 Hr. Footage Made :	0 Ft
Rig Company :	DHS	Rig Name:	DHS #10				
Formation :	Honaker Trail	Weather:					

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	7.50	22	Change out filters on all motors,and prime same(motors on pumps would not start )	5549	5549	6
13:30	4.50	06	Trip out of hole lay down bit,pick up new	5549	5549	6
18:00	2.50	06	Trip in hole @ 2000', install rotating head element	5549	5549	6
20:30	9.50	22	Wait on cat mechanic	5549	5549	6
Total:	24.00					

**Mud Properties**

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
5549	20:30	9.00	9.00	47	16	9	7/10/0	18.0	0.0	2	0.00	2.8%	95.6%	0.0%	1.0%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
10.0	7.90	0.20	0.70	1.00	17000	2000	0	0.00	0.00	0	0	0.00		0	
Water Loss		LCM	ECD	FL Temp				Remarks							
0		0.0	0.0	85											



<b>Well Name: Federal 11-24</b>																	
Field Name: Wildcat				S/T/R: 11/22S/16E				County, State: Grand, UT									
Operator: Delta Petroleum Corporation				Location Desc:				District: Northern									

<b>Daily Summary</b>																	
Activity Date :		9/4/2008		Days From Spud :		21		Current Depth :		5549 Ft		24 Hr. Footage Made :		0 Ft			
Rig Company :				DHS				Rig Name:				DHS #10					
Formation :				Honaker Trail				Weather:									

<b>Operations</b>																	
Start	Hrs	Code	Remarks										Start Depth	End Depth	Run		
6:00	6.00	22	Trouble shoot cat motors on pumps, (electronic injectors plugged up on motors )										5549	5549	6		
12:00	18.00	22	Waiting on injectors for motors										5549	5549	6		
Total:		24.00															

<b>Mud Properties</b>																	
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand		
5549	20:30	9.00	9.00	47	16	9	7/10/0	18.0	0.0	2	0.00	2.8%	95.6%	0.0%	1.0%		
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss			
10.0	7.90	0.20	0.70	1.00	17000	2000	0	0.00	0.00	0	0	0.00		0			
Water Loss	LCM	ECD	FL Temp	Remarks													
0	0.0	0.0	85														

<b>Daily Summary</b>																	
Activity Date :		9/5/2008		Days From Spud :		22		Current Depth :		5549 Ft		24 Hr. Footage Made :		0 Ft			
Rig Company :				DHS				Rig Name:				DHS #10					
Formation :				Honaker Trail				Weather:									

<b>Operations</b>																	
Start	Hrs	Code	Remarks										Start Depth	End Depth	Run		
6:00	24.00	22	Waiting on injectors for pump motors										5549	5549	7		
Total:		24.00															

<b>Mud Properties</b>																	
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand		
5549	20:30	9.00	9.00	47	16	9	7/10/0	18.0	0.0	2	0.00	2.8%	95.6%	0.0%	1.0%		
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss			
10.0	7.90	0.20	0.70	1.00	17000	2000	0	0.00	0.00	0	0	0.00		0			
Water Loss	LCM	ECD	FL Temp	Remarks													
0	0.0	0.0	85														

<b>Daily Summary</b>																	
Activity Date :		9/6/2008		Days From Spud :		23		Current Depth :		5549 Ft		24 Hr. Footage Made :		0 Ft			
Rig Company :				DHS				Rig Name:				DHS #10					
Formation :				Honaker Trail				Weather:									

<b>Operations</b>																	
Start	Hrs	Code	Remarks										Start Depth	End Depth	Run		
6:00	24.00	22	Waiting on injectors										5549	5549	7		
Total:		24.00															

<b>Mud Properties</b>																	
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand		
5549	21:00	9.00	9.00	47	9	16	7/10/0	18.0	0.0	2	0.00	2.8%	95.6%	0.0%	1.0%		
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss			
10.0	7.90	0.20	0.70	1.00	30000	2000	0	0.00	0.00	0	0	0.00		0			
Water Loss	LCM	ECD	FL Temp	Remarks													
0	0.0	0.0	89														

**Well Name:Federal 11-24**

Field Name:	Wildcat	S/T/R:	11/22S/16E	County, State:	Grand, UT
Operator:	Delta Petroleum Corporation	Location Desc:		District:	Northern

**Daily Summary**

Activity Date :	9/7/2008	Days From Spud :	24	Current Depth :	5549 Ft	24 Hr. Footage Made :	0 Ft
Rig Company :	DHS	Rig Name:	DHS #10				
Formation :	Honaker Trail	Weather:					

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	24.00	22	Wait on injectors	5549	5549	7
Total:	24.00					

**Mud Properties**

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
5549	21:00	9.30	9.00	40	10	13	8/10/0	14.0	0.0	2	0.00	2.7%	95.8%	0.0%	1.0%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
10.0	8.00	0.20	0.00	0.70	30000	2000	0	0.00	0.00	0	0	0.00		0	
Water Loss		LCM	ECD	FL Temp				Remarks							
0		0.0	0.0	89											

**Daily Summary**

Activity Date :	9/8/2008	Days From Spud :	25	Current Depth :	5605 Ft	24 Hr. Footage Made :	56 Ft
Rig Company :	DHS	Rig Name:	DHS #10				
Formation :	Honaker Trail	Weather:					

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	5.50	22	Waiting on injectors and mechanic	5549	5549	7
11:30	7.00	22	Remove injectors on #1 & #2 pump, install new (started and test pumps under load )	5549	5549	7
18:30	2.50	06	Trip in hole @ 5300'	5549	5549	7
21:00	0.50	03	Ream 5300'-5549'	5549	5549	7
21:30	8.50	02	Drill 5549'-5605' (56'-6.5fph)	5549	5605	7
Total:	24.00					

**Mud Properties**

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
5698	21:00	9.30	9.30	62	28	25	10/11/0	12.0	0.0	2	0.00	8.1%	92.0%	0.0%	1.0%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
14.0	8.10	0.64	0.00	0.80	12000	2000	0	0.00	0.00	0	0	0.00		0	
Water Loss		LCM	ECD	FL Temp				Remarks							
0		0.0	0.0	100											

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**CONFIDENTIAL**

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an  
abandoned well. Use Form 3160-3 (APD) for such proposals.**

5. Lease Serial No.  
UTU-82153

6. If Indian, Allottee or Tribe Name  
NA

**SUBMIT IN TRIPLICATE – Other instructions on page 2.**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator  
Delta Petroleum Corporation

3a. Address  
370 17th St., Suite 4300 - Denver, CO 80202

3b. Phone No. (include area code)  
Hannah Knopping - 303-575-0397

7. If Unit of CA/Agreement, Name and/or No.  
NA

8. Well Name and No.  
Federal 11-24

9. API Well No.  
4301931575

10. Field and Pool or Exploratory Area  
Wildcat

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
SESW 8665' FSL & 1997' FWL - Section 11-T22S-R16E, SLM

11. Country or Parish, State  
Grand County, Utah

**12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <u>Weekly Well History</u>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

**TIGHT HOLE STATUS**

Delta set Intermediate casing @ 6082' on 9/21/2008.  
Cemented with:  
Lead: 755 Lightweight, 2.21 yld, 12.5#  
Tail: 875 Class G, 1.18 yld, 15.8#

Please see attached "Drilling Chronological Regulatory Report" from 9/08/2008 - 9/30/2008.

Current Status: Drilling Ahead.

14. I hereby certify that the foregoing is true and correct.

Name (Printed/Typed)  
Hannah Knopping

Title Regulatory Agent

Signature

Date

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

**RECEIVED**

**DEC 30 2008**

**DIV. OF OIL, GAS & MINING**

# Well Name:Federal 11-24

Field Name:	Wildcat	S/T/R:	11/22S/16E	County, State:	Grand, UT
Operator:	Delta Petroleum Corporation	Location Desc:		District:	Northern

## Daily Summary

Activity Date :	9/9/2008	Days From Spud :	26	Current Depth :	5716 Ft	24 Hr. Footage Made :	111 Ft
Rig Company :	DHS	Rig Name:	DHS #10				
Formation :	Honaker Trail	Weather:					

## Operations

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	11.50	02	Drill 5605'-5671'	5605	5671	7
17:30	0.50	07	Service rig	5671	5671	7
18:00	4.00	02	Drill 5671'-5690'	5671	5690	7
22:00	1.00	08	Work on pump #2 change out swab	5690	5690	7
23:00	3.50	02	Drill 5690-5706'	5690	5706	7
2:30	1.00	08	Work on pumps change out swab #2 pump	5706	5706	7
3:30	2.50	02	Drill 5706'-5716'	5706	5716	7
Total:	24.00					

## Mud Properties

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
5605	20:30	9.00	9.00	47	16	9	7/10/0	18.0	0.0	2	0.00	2.8%	95.6%	0.0%	1.0%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
10.0	7.90	0.20	0.70	1.00	17000	2000	0	0.00	0.00	0	0	0.00		0	
Water Loss		LCM	ECD	FL Temp				Remarks							
0		0.0	0.0	85											

## Daily Summary

Activity Date :	9/10/2008	Days From Spud :	27	Current Depth :	5757 Ft	24 Hr. Footage Made :	1 Ft
Rig Company :	DHS	Rig Name:	DHS #10				
Formation :	Honaker Trail	Weather:					

## Operations

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	0.50	02	Drill 5716'-5717'	5716	5717	7
6:30	1.50	08	Work on pump #2 (change out liner and swab)	5717	5717	7
8:00	6.00	02	Drill 5717'-5757' ( pipe torqued up and stalled out top drive attempt to pick up off bottom pipe stuck)	5757	5757	7
14:00	4.00	22	Work pipe attempt ot free pumped high vis pill and jar on pipe	5757	5757	7
18:00	1.00	05	Work stuck pipe while mixing second high vis pill	5757	5757	7
19:00	1.00	05	Pump and spot 50 bbl pill,	5757	5757	7
20:00	0.50	22	Jar on stuck pipe,pipe came free	5757	5757	7
20:30	1.00	05	Circulate pill out and build slug	5757	5757	7
21:30	5.50	06	Pump slug and trip out to inspect motor and bit	5757	5757	7
3:00	2.50	06	Near bit roller reamer missing one roller,lav down motor,roller reamers,bit,monel	5757	5757	7
5:30	0.50	22	Wait on fishing tools	5757	5757	7
Total:	24.00					

## Mud Properties

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
5757	21:00	9.30	9.30	56	26	23	9/10/0	10.0	0.0	2	0.00	7.0%	93.0%	0.0%	1.0%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
12.0	7.90	0.60	0.00	0.70	13000	2000	0	0.00	0.00	0	0	0.00		0	
Water Loss		LCM	ECD	FL Temp				Remarks							
0		0.0	0.0	89											

RECEIVED

DEC 30 2008

# Well Name:Federal 11-24

Field Name:	Wildcat	S/T/R:	11/22S/16E	County,State:	Grand, UT
Operator:	Delta Petroleum Corporation	Location Desc:		District:	Northern

## Daily Summary

Activity Date :	9/11/2008	Days From Spud :	28	Current Depth :	5757 Ft	24 Hr. Footage Made :	0 Ft
Rig Company :	DHS	Rig Name:	DHS #10				
Formation :	Honaker Trail	Weather:					

## Operations

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	3.00	22	Clear floor,lay down reamers,monel off floor,while wait on tools	5757	5757	7
9:00	5.00	06	Make up downhole magnet,bit sub trip in hole @ 5662'	5757	5757	7
14:00	1.00	05	Wash to bottom tag fish circulate bottoms up	5757	5757	7
15:00	3.00	06	Slug pipe and trip out of hole	5757	5757	7
18:00	2.00	06	Trip out of hole,(x-o sub between 6"collars and 8" collars broke,left 68" collars in hole)	5757	5757	7
20:00	4.00	22	Wait on inspectors and fishing tools	5757	5757	7
0:00	3.50	22	Trip in hole with 6" drill collars and inspect same, trip out for fishing tools	5757	5757	7
3:30	2.50	19	Make overshot and grapple,trip in hole	5757	5757	7
Total:	24.00					

## Mud Properties

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
5757	20:00	9.40	9.40	46	17	17	5/7/14	10.0	0.0	2	0.00	6.8%	92.5%	0.0%	0.5%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
12.0	8.00	0.23	0.00	0.85	12000	2000	0	0.00	0.00	0	0	0.00		0	
Water Loss		LCM	ECD	FL Temp			Remarks								
0		0.0	0.0	89											

## Daily Summary

Activity Date :	9/12/2008	Days From Spud :	29	Current Depth :	5757 Ft	24 Hr. Footage Made :	0 Ft
Rig Company :	DHS	Rig Name:	DHS #10				
Formation :	Honaker Trail	Weather:					

## Operations

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	3.00	06	Trip in hole to top of fish, establish circulation	5757	5757	7
9:00	1.00	19	Circulate over fish and latch onto same	5757	5757	7
10:00	1.50	19	Working pipe while circulating,pipe hanging up on roller	5757	5757	7
11:30	1.00	19	Jarring on pipe, pipe came free pulled up out of roller,slack back down attempt to catch roller with magnet	5757	5757	7
12:30	9.50	06	Slug pipe trip out of hole,unlatch grapple assembly,break magnet assembly,lay down 8"drill collars	5757	5757	7
22:00	3.50	06	Make up jet basket and trip in hole @ 1600'	5757	5757	7
1:30	3.00	09	Cut drilling line	5757	5757	7
4:30	1.50	06	Trip in hole	5757	5757	7
Total:	24.00					

## Mud Properties

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
5757	21:00	9.30	9.30	53	28	22	9/10/0	9.0	0.0	2	0.00	12.1%	90.0%	0.0%	1.0%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
12.0	8.00	0.60	0.00	0.65	13000	2000	0	0.00	0.00	0	0	0.00		0	
Water Loss		LCM	ECD	FL Temp				Remarks							
0		0.0	0.0	100											

# Well Name:Federal 11-24

Field Name:	Wildcat	S/T/R:	11/22S/16E	County,State:	Grand, UT
Operator:	Delta Petroleum Corporation	Location Desc:		District:	Northern

## Daily Summary

Activity Date :	9/13/2008	Days From Spud :	30	Current Depth :	5757 Ft	24 Hr. Footage Made :	0 Ft
Rig Company :	DHS	Rig Name:	DHS #10				
Formation :	Honaker Trail	Weather:					

## Operations

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	2.00	06	Trip in hole @ 5565'	5757	5757	7
8:00	4.00	19	Wash and ream 5565'-5755'	5757	5757	7
12:00	4.50	19	Drop ball and activate venturi on jet basket,drill 5755'-5757'	5757	5757	7
16:30	5.00	06	Trip out of hole with jet basket no junk in basket,lav down basket	5757	5757	7
21:30	8.50	06	Make up 12 1/4 mill and junk basket, trip in hole (break and retorque drill pipe rig using wrong torque on drill pipe)	5757	5757	7

Total:	24.00						
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## Mud Properties

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
5757	21:00	9.30	9.30	53	28	22	9/10/0	9.0	0.0	2	0.00	12.1%	90.0%	0.0%	1.0%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
12.0	8.00	0.60	0.00	0.65	13000	2000	0	0.00	0.00	0	0	0.00		0	
Water Loss		LCM	ECD	FL Temp				Remarks							
0		0.0	0.0	100											

## Daily Summary

Activity Date :	9/14/2008	Days From Spud :	31	Current Depth :	5757 Ft	24 Hr. Footage Made :	0 Ft
Rig Company :	DHS	Rig Name:	DHS #10				
Formation :	Honaker Trail	Weather:					

## Operations

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	2.50	06	Trip in hole @ 5700'	5757	5757	7
8:30	1.00	22	Replace rotating head element	5757	5757	7
9:30	4.00	03	Wash to bottom, mill on roller	5757	5757	7
13:30	3.50	06	Slug pipe trip out of hole	5757	5757	7
17:00	1.00	22	Lay down mill,empty junk basket,make up magnet	5757	5757	7
18:00	3.50	06	Trip in hole @ 5754'	5757	5757	7
21:30	1.50	05	Tag roller,circulate out fill	5757	5757	7
23:00	2.50	06	Slug pipe,trip out of hole	5757	5757	7
1:30	1.00	22	Clean magnet,had part of bar from roller attached,clean junk basket parts of metal also	5757	5757	7
2:30	3.50	06	Make up junk basket,and cone buster mill,trip in hole	5757	5757	7
Total:	24.00					

## Mud Properties

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
5757	20:00	9.50	9.50	43	7	11	5/8/17	9.6	0.0	2	0.00	7.3%	95.0%	0.0%	0.4%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
12.0	7.80	0.44	0.00	0.95	11800	1800	0	0.00	0.00	0	0	0.00		0	
Water Loss		LCM	ECD	FL Temp				Remarks							
0		0.0	0.0	100											

# Well Name:Federal 11-24

Field Name:	Wildcat	S/T/R:	11/22S/16E	County, State:	Grand, UT
Operator:	Delta Petroleum Corporation	Location Desc:		District:	Northern

## Daily Summary

Activity Date :	9/15/2008	Days From Spud :	32	Current Depth :	5757 Ft	24 Hr. Footage Made :	0 Ft
Rig Company :	DHS	Rig Name:	DHS #10				
Formation :	Honaker Trail	Weather:					

## Operations

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	1.00	06	RIH W/ CONE BUSTER MILL #2 & JUNK BASKET	5757	5757	7
7:00	4.50	19	MILL ON NB ROLLER @ 5755'	5757	5757	7
11:30	3.50	06	PUMP SLUG & POOH	5757	5757	7
15:00	1.00	22	B/O MILL #2 & JB, CLEAN OUT JB W/ MINIMUM JUNK	5757	5757	7
16:00	4.00	06	M/U MAGNET W/ JB & RIH T/ 5763'	5757	5757	7
20:00	0.50	19	CIRC. & FISH W/ MAGNET, PUMP SLUG	5757	5757	7
20:30	4.00	06	POOH W/ FISH ON MAGNET	5757	5757	7
0:30	1.00	22	REMOVE FISH F/ MAGNET & L/D FISHING TOOLS	5757	5757	7
1:30	3.00	22	LOAD BHA #3 ON PIPE RACKS, SLM SAME	5757	5757	7
4:30	1.50	22	P/U & M/U BHA #3	5757	5757	8
Total:	24.00					

## Mud Properties

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
5763	5:00	9.30	9.30	50	14	19	8/10/14	11.0	0.0	2	0.00	0.1%	93.0%	0.0%	0.3%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
12.0	7.90	0.51	0.00	0.89	11200	1600	0	0.00	0.00	0	0	0.00		228	
Water Loss		LCM	ECD	FL Temp				Remarks							
0		0.0	0.0												

## Daily Summary

Activity Date :	9/16/2008	Days From Spud :	33	Current Depth :	5826 Ft	24 Hr. Footage Made :	69 Ft
Rig Company :	DHS	Rig Name:	DHS #10				
Formation :	Honaker Trail	Weather:					

## Operations

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	8.50	22	CONT. P/U 8" DC'S, RIH W/ 6 1/2" DC'S & C/O JARS	5757	5757	8
14:30	0.50	22	FILL PIPE & TEST MOTOR	5757	5757	8
15:00	3.00	06	RIH T/ 5747'	5757	5757	8
18:00	1.00	05	FILL PIPE & PUMP HI-VIS SWEEP FEATHERING BTM @ 5757'	5757	5757	8
19:00	1.00	02	DRLG F/ 5757' T/5762', 5', 2.5 FPH, 5/20K WOB, 20/30 RPM, 1/3K TORQ, 300/400 GPM	5757	5762	8
20:00	1.00	08	MUD OVER SHAKER SCREENS BECAUSE #2 SHAKER MOTOR DOWN, REDUCE GPM (307) TO MINIMIZE LOSSES, CHECK FOR LARGER SCREENS, CUT MUD VIS BACK T/ 45 FOR ONE SHAKER	5762	5762	8
21:00	9.00	02	DRLG F/ 5762' T/ 5826', 64', 7.1 FPH, 25/30K WOB, 30 RPM, 1/3K TORQ, 576 GPM, 31u BG	5762	5826	8
Total:	24.00					

## Mud Properties

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
5819	5:00	9.30	9.30	48	13	16	9/15/25	10.0	0.0	2	0.00	6.4%	93.0%	0.0%	0.2%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
12.0	8.50	1.00	0.00	0.96	9500	1000	0	0.00	0.00	0	0	0.00		262	
Water Loss		LCM	ECD	FL Temp				Remarks							
0		0.0	0.0												

<b>Well Name: Federal 11-24</b>															
Field Name:		Wildcat			S/T/R:		11/22S/16E			County, State:		Grand, UT			
Operator:		Delta Petroleum Corporation			Location Desc:						District:		Northern		

<b>Daily Summary</b>															
Activity Date :		9/17/2008		Days From Spud :		34		Current Depth :		5920 Ft		24 Hr. Footage Made :		94 Ft	
Rig Company :		DHS			Rig Name:		DHS #10								
Formation :		Honaker Trail			Weather:										

<b>Operations</b>															
Start	Hrs	Code	Remarks										Start Depth	End Depth	Run
6:00	4.00	02	DRLG F/ 5826' T/ 5843', 17', 4.2 FPH, 25/30 WOB, 30 TDS RPM, 1/3K TORQ,										5826	5843	8
10:00	0.50	07	SERVICE RIG										5843	5843	8
10:30	15.50	02	DRLG F/ 5843' T/ 5907', 64', 4.1 FPH, 25/30K WOB, 35 TDS RPM, 1/3K TORQ, 599/691 GPM										5843	5907	8
2:00	1.00	10	SURVEY MISFIRED @ 5873'										5907	5907	8
3:00	3.00	02	DRLG F/ 5907' T/ 5920', 13', 4.3 FPH, 30K WOB, 35 TDS RPM, 1/3K TORQ, 614 GPM										5907	5920	8
Total:		24.00													

<b>Mud Properties</b>															
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
5884	5:00	9.40	9.40	50	14	16	9/16/25	11.0	0.0	2	0.00	7.0%	92.5%	0.0%	0.3%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
12.0	8.30	0.95	0.00	1.00	8200	900	0	0.00	0.00	0	0	0.00		157	
Water Loss		LCM	ECD	FL Temp	Remarks										
0		0.0	0.0												

<b>Daily Summary</b>															
Activity Date :		9/18/2008		Days From Spud :		35		Current Depth :		6005 Ft		24 Hr. Footage Made :		85 Ft	
Rig Company :		DHS			Rig Name:		DHS #10								
Formation :		Honaker Trail			Weather:										

<b>Operations</b>															
Start	Hrs	Code	Remarks										Start Depth	End Depth	Run
6:00	5.00	02	DRLG F/ 5920' T/ 5936', 16, 3.2 FPH, 30K WOB, 25/30 TDS RPM, 1/3K TORQ, 691 GPM										5920	5936	8
11:00	1.00	10	SURVEY @ 5875', 2.3 DEG.										5936	5936	8
12:00	18.00	02	DRLG F/ 5936' T/ 6005', 69', 3.8 FPH										5936	6005	8
Total:		24.00													

<b>Mud Properties</b>															
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
6003	5:00	9.50	9.50	65	22	23	11/20/32	10.0	0.0	2	0.00	8.0%	91.5%	0.0%	0.3%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
15.0	8.80	1.10	0.05	0.50	7400	800	0	0.00	0.00	0	0	0.00		125	
Water Loss		LCM	ECD	FL Temp	Remarks										
0		0.0	0.0												



<b>Well Name: Federal 11-24</b>															
Field Name: Wildcat			S/T/R: 11/22S/16E			County, State: Grand, UT									
Operator: Delta Petroleum Corporation			Location Desc:			District: Northern									
<b>Daily Summary</b>															
Activity Date :		9/19/2008		Days From Spud :		36		Current Depth :		6085 Ft		24 Hr. Footage Made :		80 Ft	
Rig Company :			DHS			Rig Name:			DHS #10						
Formation :			Paradox Salt			Weather:									
<b>Operations</b>															
Start	Hrs	Code	Remarks									Start Depth	End Depth	Run	
6:00	4.50	02	DRLG F/ 6005' T/ 6032', 27', 6 FPH									6005	6032	8	
10:30	0.50	07	SERVICE RIG									6032	6032	8	
11:00	7.50	02	DRLG F/ 6032' T/ 6080', 48', 6.4 FPH, 30K WOB, 25 TDS RPM, 1K TORQ, 67 MTR RPM, 607 GPM, 4K MTR TORQ, BG GAS 47u, (5' DRLG BREAK)									6032	6080	8	
18:30	1.00	05	CIRC. B/U FOR SAMPLE, CHLORIDES 21,000, B/U GAS 1742u, B/G 227u									6080	6080	8	
19:30	1.00	02	DRLG F/ 6080' 6085', 5', 5 FPH, 30K WOB, 25 TDS RPM, 1K TORQ, 67 MTR RPM, 607 GPM, 4K MTR TORQ, B/G GAS 227u,									6080	6085	8	
20:30	6.00	05	CIRC. B/U FOR SAMPLE, CHORIDES 16,000, B/U GAS 271u, B/G GAS 227u, RAISE MUD WT T/ 9.7 ppg, SWEEP HOLE W/ HI-VIS, PUMP SLUG									6085	6085	8	
2:30	3.50	06	CHAIN OUT OF HOLE T/ CSG, PULL RH, CONT POOH T/ 1671'									6085	6085	8	
Total:		24.00													
<b>Mud Properties</b>															
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
6091	5:00	9.70	9.70	44	14	12	8/16/27	11.0	0.0	2	0.00	6.1%	93.0%	0.0%	0.1%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
12.0	8.90	1.12	0.05	0.62	16000	1200	0	0.00	0.00	0	0	0.00			
Water Loss		LCM	ECD	FL Temp	Remarks										
0		0.0	0.0												
<b>Daily Summary</b>															
Activity Date :		9/20/2008		Days From Spud :		37		Current Depth :		6085 Ft		24 Hr. Footage Made :		0 Ft	
Rig Company :			DHS			Rig Name:			DHS #10						
Formation :			Paradox Salt			Weather:									
<b>Operations</b>															
Start	Hrs	Code	Remarks									Start Depth	End Depth	Run	
6:00	3.50	06	CONT. POOH & SET BACK BIT #8									6085	6085	8	
9:30	0.50	22	CLEAN RIG FLOOR									6085	6085	NIH	
10:00	0.50	07	SERVICE RIG									6085	6085	NIH	
10:30	1.50	23	WAIT ON HALLIBURTON WIRE LINE									6085	6085	NIH	
12:00	1.00	11	HELD PJSM & R/U WIRE LINE									6085	6085	NIH	
13:00	6.00	11	RIH W/ TRIPLE COMBO & GAMMA RAY T/ 6088' WL									6085	6085	NIH	
19:00	1.00	11	R/D HAL'B WIRE LINE									6085	6085	NIH	
20:00	7.50	06	B/O BIT #8 & M/U BIT #9, SLM RIH T/ 2050', INSTALL RH & FILL PIPE, CONT. RIH FILL PIPE @ 4516', CONT. RIH T/ 6034' & FILL PIPE & NO DRAG. ( SLM 2.00' LONGER THAN PIPE TALLY)									6085	6085	9	
3:30	0.50	03	WASH & REAM F/ 6034' T/ 6085'									6085	6085	9	
4:00	2.00	05	CIRC & COND MUD, B/U GAS 10K u W/ 8.5 ppg GAS CUT MUD									6085	6085	9	
Total:		24.00													
<b>Mud Properties</b>															
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
6085	5:00	9.70	9.70	44	15	13	9/15/24	10.0	0.0	2	0.00	7.8%	91.5%	0.0%	0.3%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
12.0	8.80	1.10	0.02	0.54	12000	1000	0	0.00	0.00	0	0	0.00			
Water Loss		LCM	ECD	FL Temp	Remarks										
30		0.0	0.0												

<b>Well Name:Federal 11-24</b>															
Field Name:		Wildcat			S/T/R:		11/22S/16E			County,State:		Grand, UT			
Operator:		Delta Petroleum Corporation			Location Desc:						District:		Northern		
<b>Daily Summary</b>															
Activity Date :		9/21/2008		Days From Spud :		38		Current Depth :		6086 Ft		24 Hr. Footage Made :		1 Ft	
Rig Company :		DHS			Rig Name:		DHS #10								
Formation :		Paradox Salt			Weather:										
<b>Operations</b>															
Start	Hrs	Code	Remarks									Start Depth	End Depth	Run	
6:00	2.00	05	CIRC & COND MUD RAISING MUD WT F/ 9.7 ppg T/ 9.9 ppg									6085	6085	9	
8:00	1.00	10	SURVEY @ 6063' W/ 2.5 DEG									6085	6085	9	
9:00	0.50	05	WASH F/ 6063' T/ 6085'									6085	6085	9	
9:30	3.00	02	DRLG F/ 6085' T/ 6086', 1', .33 FPH, 20/35K WOB, 5/60 TDS RPM, 1/3K TORQ, MTR FAILED, NO DIFFERENTIAL PRESSURE AFTER ONE FOOT OF DRLG									6085	6086	9	
12:30	1.00	05	CIRC B/U WHILE BUILDING SLUG, FLOW CHECK									6086	6086	9	
13:30	3.00	06	PUMP SLUG & CHAIN OOH T/ BHA									6086	6086	9	
16:30	4.50	22	L/D 6 1/2" * 8" DC'S, MTR, SHOCK SUB, XO'S & BIT #9									6086	6086	9	
21:00	0.50	22	PULL WEAR BUSHING									6086	6086	9	
21:30	0.50	07	SERVICE RIG									6086	6086	9	
22:00	2.50	12	HELD PJSM & R/U WEATHERFORD CSG EQUIP.									6086	6086	9	
0:30	5.50	22	WAIT ON THREAD LOCK & AUTO FILL TOOL FROM WEATHERFORD									6086	6086	9	
Total:		24.00													
<b>Mud Properties</b>															
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
6086	5:00	9.90	9.90	45	14	13	6/13/21	10.0	0.0	2	0.00	7.9%	91.5%	0.0%	0.1%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
12.0	8.60	1.00	0.00	0.63	10000	1000	0	0.00	0.00	0	0	0.00			
Water Loss		LCM	ECD	FL Temp	Remarks										
30		0.0	0.0												

# Well Name:Federal 11-24

Field Name:	Wildcat	S/T/R:	11/22S/16E	County, State:	Grand, UT
Operator:	Delta Petroleum Corporation	Location Desc:		District:	Northern

## Daily Summary

Activity Date :	9/22/2008	Days From Spud :	39	Current Depth :	6086 Ft	24 Hr. Footage Made :	0 Ft
Rig Company :	DHS	Rig Name:	DHS #10				
Formation :	Paradox Salt	Weather:					

## Operations

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	0.50	22	FINISH R/U WEATHERFORD CSG EQUIP	6086	6086	9
6:30	10.50	12	M/U 9.625" SHOE TRACK & RUN 140 JTS CSG FILLING EACH 5 JTS	6086	6086	NIH
17:00	0.50	12	LAND HANGER, DRAIN BOP & VISUAL HANGER LANDED CORRECTLY IN MULTI BOWL, LOST TOTAL 29 BBLs TO HOLE WHILE RUNNING CSG	6086	6086	NIH
17:30	1.00	22	R/U HAL'B CMT HEAD & CHICKSANS, R/D CSG EQUIP.	6086	6086	NIH
18:30	1.00	05	FILL CSG W/ 25 BBL 9.9 ppg, CIRC CSG W/ 575 BBLs @ 10 BPM W/ RETURNS, B/U GAS 5722 u	6086	6086	NIH
19:30	4.50	12	HELD PJSM W/ DHS, DELTA, HAL'B, TEST LINES T/ 3500 PSI. PUMP TUNED SPACER III 40 BBL, 11.5 DENSITY @ 3.5 BPM W/ 146.5 LBM/BBL BARITE & 36.09 GAL/BBL FRESH WATER & 0.4 GAL/BBL D-AIR 3000L; MIX & PUMP 755 SX LEAD LIGHT PREMIUM @ 5 BPM W/ 1% BENTONITE, 0.125 LBM POLY-E-FLAKE, 18% SALT, 11.694 GAL FRESH WATER @ 12.5 DENSITY, YIELD 2.21, MIX FLUID 11.69 GAL/SX, 297 BBL; TAIL PREMIUM 875 SX, "G", 94LBM @ 4.5 BPM & 0.3% HALAD R-344, 0.3% SUPER CBL, 0.4% HR-5, 0.3% HALAD R-413, 6% SALT, 0.3% D-AIR 3000, 0.1% VERSASET, 4.993 GAL FRESH WATER @ 15.8 DENSITY, 1.18 YIELD, 4.99 GAL/SX MIX FLUID & DISPLACE W/ 450 BBL INVERT & MOSTLY WATER @ 4 BPM @ 1200 PSI & BUMPED PLUG W/ 2050 PSI & FLOAT HELD. NO RETURNS WHILE CMT, CMT IN PLACE @ 23:54 HRS	6086	6086	NIH
0:00	0.50	22	R/D HAL'B CMT EQUIP	6086	6086	NIH
0:30	1.00	22	B/O LANDING JT & L/D SAME, R/D LONG BAILS & R/U TDS FOR DP	6086	6086	NIH
1:30	1.50	22	RUN CAMERON 13" MBS PACKOFF SA & PACKOFF T/ 9K. TEST SEAL GOOD T/ 5K	6086	6086	NIH
3:00	1.50	15	TEST CHOKE MANIFOLD T/ 10K F/ 10 MIN.	6086	6086	NIH
4:30	1.00	15	H&N TEST EQUIP BROKE, ATTEMPT T/ REPAIR FAILED, R/D TESTERS	6086	6086	NIH
5:30	0.50	22	WAIT ON SINGLE JACK TESTERS	6086	6086	NIH
Total:	24.00					

## Mud Properties

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
6086	5:00	13.20		50	18	15	6/9/17	0.0	2.0		2.00	21.4%	23.0%	53.0%	
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
						1000	0	0.00	0.00	0	0	0.00	70/30		
Water Loss	LCM	ECD	FL Temp					Remarks							
	0.0	0.0													

# Well Name:Federal 11-24

Field Name:	Wildcat	S/T/R:	11/22S/16E	County,State:	Grand, UT
Operator:	Delta Petroleum Corporation	Location Desc:		District:	Northern

## Daily Summary

Activity Date :	9/23/2008	Days From Spud :	40	Current Depth :	6086 Ft	24 Hr. Footage Made :	0 Ft
Rig Company :	DHS	Rig Name:	DHS #10				
Formation :	Paradox Salt	Weather:					

## Operations

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	5.50	22	WAIT ON SINGLE JACK BOP TESTER, ARRIVED W/ ONLY 5K TEST PUMP, WAIT ON MESA WL FOR CBL	6086	6086	NIH
11:30	2.50	11	R/U WL & RUN CBL T/ 6027' WL, R/D WL	6086	6086	NIH
14:00	11.50	15	M/U TEST PLUG & TEST LPR, TPR, MANUAL & HCR VALVE, CHECK VALVE, C&K VALVES, TIW'S, GRAY VALVE, TDS IBOP VALVE T/ 10K F/ 10 MIN EACH. ANNULAR 3500# 10 MIN. STANDPIPE 4K 10 MIN. BLIND RAM & 9.625" CSG 2K 15 MIN. R/D TESTER	6086	6086	NIH
1:30	4.00	22	M/U BIT #10, P/U BHA RIH	6086	6086	NIH
5:30	0.50	06	RIH W/ DP T/ 1216'	6086	6086	NIH
Total:	24.00					

## Mud Properties

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
6086	5:00	9.90		47	14	14	5/7/13	10.0		2		6.2%	93.5%		0.0%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
10.0	10.50	1.80	0.15	0.58	3200	400	0	0.00	0.00	0	0	0.00			
Water Loss	LCM	ECD	FL Temp				Remarks								
	0.0	0.0													

## Daily Summary

Activity Date :	9/24/2008	Days From Spud :	41	Current Depth :	6086 Ft	24 Hr. Footage Made :	0 Ft
Rig Company :	DHS	Rig Name:	DHS #10				
Formation :	Paradox Salt	Weather:					

## Operations

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	2.50	06	CONT. RIH F/ 1216' T/ 5993'	6086	6086	10
8:30	0.50	03	WASH F/ 5993' T/ 6025' TAG CMT	6086	6086	10
9:00	2.50	05	DISPLACE WATER/INTEGRATE W/ 9.9 ppg WBM	6086	6086	10
11:30	0.50	03	REAM CMT F/ 6025' T/ 6035', FC @ 6035' & CMT T/ 6056'	6086	6086	10
12:00	3.00	05	CIRC BUILDING VOLUMN & WEIGHT UP T/ 9.9 ppg	6086	6086	10
15:00	3.50	22	ATTEMPT T/ TEST CSG & TEST TRUCK BLEW RADIATOR, WAIT ON NEW TEST TRUCK. (CALLED BJ SERVICES & HAL'B FOR PUMP TRUCK W/ NO TRUCKS AVAILABLE)	6086	6086	10
18:30	0.50	22	ATTEMPT T/ TEST CSG & TEST TRUCK UNABLE TO PUMP 9.9 ppg MUD. RELEASED SINGLE JACK TESTERS	6086	6086	10
19:00	10.50	22	WAIT ON HAL'B FARMINGTON PUMP TRUCK	6086	6086	10
5:30	0.50	22	R/U HAL'B T/ TEST CSG	6086	6086	10
Total:	24.00					

## Mud Properties

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
6086	5:00	9.90	9.90	45	14	13	5/8/18	10.6		2		8.2%	91.5%		0.1%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
10.0	9.00	1.20	0.04	0.68	3000	500	0	0.00	0.00	0	0	0.00		375	
Water Loss		LCM	ECD	FL Temp				Remarks							
		0.0	0.0												

# Well Name:Federal 11-24

Field Name:	Wildcat	S/T/R:	11/22S/16E	County, State:	Grand, UT
Operator:	Delta Petroleum Corporation	Location Desc:		District:	Northern

## Daily Summary

Activity Date :	9/25/2008	Days From Spud :	42	Current Depth :	6099 Ft	24 Hr. Footage Made :	13 Ft
Rig Company :	DHS	Rig Name:	DHS #10				
Formation :	Paradox Salt	Weather:					

## Operations

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	0.50	22	FINISH R/U HAL'B & TEST LINES T/ 2500#	6086	6086	10
6:30	1.00	22	TEST 9.625" CSG T/ 13.5 ppg EMW. 1135 TEST PSI W/ 9.9 ppg @ 6056 TVD	6086	6086	10
7:30	1.00	03	REAM CMT F/ 6056' T/ 6082', SHOE 6083' RATE HOLE T/ 6086', B/U GAS 1574u	6086	6086	10
8:30	2.00	02	DRLG F/ 6086' T/ 6098', 12', 6 FPH, 10/15 WOB, 40/70 RPM, 1/2K TORQ, 422 GPM	6086	6098	10
10:30	1.50	05	CIRC UNTIL 9.9 ppg AROUND & SHAKERS CLEAN FOR F.I.T.	6098	6098	10
12:00	1.00	22	R/U HAL'B & PERFORM F.I.T STAGING PRESS F/1300# T/1600# IN INCERMENTS OF 100 PSI RECORDING VOLUMES & PRESS @ 0.5 BPM W/ 9.9 ppg. TEST PSI 1600, MW 9.9 ppg, TVD 6083', EMW 15.0 ppg	6098	6098	10
13:00	0.50	22	FLOW CHECK WELL STATIC FOR 15 MIN WHILE R/D HAL'B	6098	6098	10
13:30	1.50	05	DISPLACE WBM W/ 12.0 ppg INTEGRADE	6098	6098	10
15:00	5.00	22	DUMP & CLEAN MUD PIT FOR INTEGRADE & GEL UP DOORS	6098	6098	10
20:00	1.00	22	TRANSFER INTRGRADE F/ PREMIX/FRAC TANK T/ PITS	6098	6098	10
21:00	5.50	02	DRLG F/6098' T/6099', 1, .18 FPH, 20/35 WOB, 35 RPM, 288/575 GPM	6098	6099	10
2:30	3.50	22	LOST EST. 452 BBL MUD, PULL INSIDE CSG @ 6054', GO ON TRIP TANK W/ HOLE STATIC, WAITING ON INTEGRADE F/ GTS 36-24	6099	6099	10

Total:	24.00	
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## Mud Properties

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
6086	5:00	12.00	12.00	55	31	19	4/8/10	2.8		2		16.3%	33.0%	48.0%	
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
							316	0.20	0.26	197399	0	0.00	59/41	375	
Water Loss	LCM	ECD	FL Temp				Remarks								
	0.0	0.0													

## Daily Summary

Activity Date :	9/26/2008	Days From Spud :	43	Current Depth :	6110 Ft	24 Hr. Footage Made :	11 Ft
Rig Company :	DHS	Rig Name:	DHS #10				
Formation :	Paradox Salt	Weather:					

## Operations

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	16.00	22	Transfer 300bbls invert mud, build 600bbls of invert mud	6099	6099	10
22:00	8.00	02	Drill 6099'-6110'	6099	6110	10
Total:	24.00					

## Mud Properties

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
6099	5:00	12.00	12.00	55	31	19	4/8/10	2.8		2		16.3%	33.0%	48.0%	
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
							316	0.20	0.26	197399	0	0.00	59/41	375	
Water Loss	LCM	ECD	FL Temp				Remarks								
	0.0	0.0													

<b>Well Name: Federal 11-24</b>															
Field Name: Wildcat				S/T/R: 11/22S/16E				County, State: Grand, UT							
Operator: Delta Petroleum Corporation				Location Desc:				District: Northern							

<b>Daily Summary</b>															
Activity Date :		9/27/2008		Days From Spud :		44		Current Depth :		6264 Ft		24 Hr. Footage Made :		154 Ft	
Rig Company :				DHS				Rig Name:				DHS #10			
Formation :				Paradox Salt				Weather:							

<b>Operations</b>																	
Start	Hrs	Code	Remarks										Start Depth	End Depth	Run		
6:00	1.00	02	Drill 6110'-6111'										6110	6111	10		
7:00	1.00	06	Circulate, mix slug										6111	6111	10		
8:00	4.50	06	Trip out of hole, lay down bit										6111	6111	10		
12:30	0.50	07	Service rig and top drive										6111	6111	10		
13:00	6.00	06	Make up motor and monel trip in hole										6111	6111	11		
19:00	3.00	09	Cut and slip drill line										6111	6111	11		
22:00	8.00	02	Drill 6111'-6264'										6111	6264	11		
Total:		24.00															

<b>Mud Properties</b>															
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
6264	5:00	12.00	12.00	55	40	30	7/10/14	2.8		2		16.3%	33.0%	48.0%	
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
							316	0.20	0.26	197399	0	0.00	59/41	375	
Water Loss		LCM	ECD	FL Temp	Remarks										
		0.0	0.0												

<b>Daily Summary</b>															
Activity Date :		9/28/2008		Days From Spud :		45		Current Depth :		6920 Ft		24 Hr. Footage Made :		656 Ft	
Rig Company :				DHS				Rig Name:				DHS #10			
Formation :				Paradox Salt				Weather:							

<b>Operations</b>																	
Start	Hrs	Code	Remarks										Start Depth	End Depth	Run		
6:00	3.00	02	Drill 6294'-6396'										6264	6396	11		
9:00	0.50	07	Service rig										6396	6396	11		
9:30	4.50	02	Drill 6396'-6587'										6396	6587	11		
14:00	0.50	05	Circulate for survey										6587	6587	11		
14:30	1.50	10	Wireline survey (ran twice wireline hung up on sheave)										6587	6587	11		
16:00	1.00	08	Work on top drive unit (motor died change out fuel filters)										6587	6587	11		
17:00	1.00	02	Drill 6587'-6620'										6587	6620	11		
18:00	7.50	02	Drill 6620'-6896' (#2 pump died lack of diesel)										6620	6896	11		
1:30	0.50	02	Drill 6896'-6920' (with one pump)										6896	6920	11		
2:00	0.50	05	Put both pumps online lost 1500psi										6920	6920	11		
2:30	3.50	05	Check surface equipment, change out valve, seat #1 pump, bit hung up while working on pump, working stuck pipe										6920	6920	11		
Total:		24.00															

<b>Mud Properties</b>															
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
6920	5:00	13.00	13.00	74	36	31	9/12/15	2.8		2		18.3%	34.0%	47.0%	
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
							247	0.20	0.65	197399	0	0.00	58/42	375	
Water Loss		LCM	ECD	FL Temp	Remarks										
		0.0	0.0	130											

<b>Well Name: Federal 11-24</b>														
Field Name: Wildcat			S/T/R: 11/22S/16E			County, State: Grand, UT								
Operator: Delta Petroleum Corporation			Location Desc:			District: Northern								

<b>Daily Summary</b>														
Activity Date : 9/29/2008		Days From Spud : 46		Current Depth : 7020 Ft		24 Hr. Footage Made : 100 Ft								
Rig Company : DHS				Rig Name: DHS #10										
Formation : Paradox Salt				Weather:										

<b>Operations</b>														
Start	Hrs	Code	Remarks							Start Depth	End Depth	Run		
6:00	0.50	07	Service rig							6920	6920	NIH		
6:30	2.50	05	Mix and pump, slug							6920	6920	11		
9:00	7.00	06	trip out of hole (pipe wet, motor not draining )							6920	6920	11		
16:00	1.50	06	Lay down motor, pick up new (dirty motor locked up)							6920	6920	11		
17:30	6.00	06	Trip in hole filling pipe every 30stds @ 6690'							6920	6920	12		
23:30	2.00	03	Fill pipe and wash to bottom							6920	6920	12		
1:30	4.50	02	Drill 6920'- 7020'							6920	7020	12		
Total: 24.00														

<b>Mud Properties</b>															
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
6979	5:00	13.00	13.00	73	34	34	11/13/16	2.8		2		18.3%	34.0%	47.0%	
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
							247	0.20	0.65	197399	0	0.00	58/42	375	
Water Loss	LCM	ECD	FL Temp	Remarks											
	0.0	0.0	140												

<b>Daily Summary</b>														
Activity Date : 9/30/2008		Days From Spud : 47		Current Depth : 7478 Ft		24 Hr. Footage Made : 458 Ft								
Rig Company : DHS				Rig Name: DHS #10										
Formation : Paradox Salt				Weather:										

<b>Operations</b>														
Start	Hrs	Code	Remarks							Start Depth	End Depth	Run		
6:00	2.50	02	Drill 7020'-7068'							7020	7068	12		
8:30	0.50	07	Service rig and top drive							7068	7068	12		
9:00	8.00	02	Drill 7068'-7256'							7068	7256	12		
17:00	0.50	05	Circulate for survey							7256	7256	12		
17:30	2.00	10	Wireline survey							7256	7256	12		
19:30	10.50	02	Drill 7256'-7478'							7256	7478	12		
Total: 24.00														

<b>Mud Properties</b>															
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
7444	5:00	13.50	13.50	68	37	31	11/13/16	2.8		2		18.3%	34.0%	47.0%	
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
							247	0.20	0.65	197399	0	0.00	58/42	375	
Water Loss	LCM	ECD	FL Temp	Remarks											
	0.0	0.0	140												

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**CONFIDENTIAL**

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

**SUNDRY NOTICES AND REPORTS ON WELLS**

**Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

6. If Indian, Allottee or Tribe Name  
NA

**SUBMIT IN TRIPLICATE – Other instructions on page 2.**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator  
Delta Petroleum Corporation

3a. Address  
370 17th St., Suite 4300 - Denver, CO 80202

3b. Phone No. (include area code)  
Hannah Knopping - 303-575-0397

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SESW 8665' FSL & 1997' FWL - Section 11-T22S-R16E, SLM

7. If Unit of CA/Agreement, Name and/or No.  
NA

8. Well Name and No.  
Federal 11-24

9. API Well No.  
4301931575

10. Field and Pool or Exploratory Area  
Wildcat

11. Country or Parish, State  
Grand County, Utah

**12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <u>Weekly Well History</u>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

**TIGHT HOLE STATUS**

Delta reached a TD of 9978' on 10/08/2008.  
Production casing was set @ 9932' on 10/13/2008  
Cemented with:  
Lead: 1100 sxs Class G, 1.29 yld, 15.3#

Please see attached "Drilling Chronological Regulatory Report" from 10/01/2008 - 10/19/2008.

Current Status: Waiting on Completion.

14. I hereby certify that the foregoing is true and correct.

Name (Printed/Typed)  
Hannah Knopping

Title Regulatory Agent

Signature

*Hannah Knopping*

Date

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

**RECEIVED**

**DEC 3 0 2008**

**DIV. OF OIL, GAS & MINING**



# Well Name:Federal 11-24

Field Name:	Wildcat	S/T/R:	11/22S/16E	County, State:	Grand, UT
Operator:	Delta Petroleum Corporation	Location Desc:		District:	Northern

## Daily Summary

Activity Date :	10/1/2008	Days From Spud :	48	Current Depth :	7826 Ft	24 Hr. Footage Made :	348 Ft
Rig Company :	DHS	Rig Name:		DHS #10			
Formation :	Paradox Salt	Weather:					

## Operations

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	1.50	02	Drill 7498'-7545'	7478	7545	12
7:30	0.50	22	Held bop drill with daylight crew, held safety meeting after drill and discussed drill procedures,	7545	7545	12
8:00	0.50	07	Service rig and top drive	7545	7545	12
8:30	2.50	02	Drill 7545'-7637'	7545	7637	12
11:00	0.50	05	Circulate for survey	7637	7637	12
11:30	1.50	10	Wireline survey @ 7592'	7637	7637	12
13:00	5.00	02	Drill 7637'-7750	7637	7750	12
18:00	5.50	02	Drill 7750'-7826'	7750	7826	12
23:30	0.50	05	Held bop drill with night crew, hold safety meeting discuss bop drill	7826	7826	12
0:00	1.50	10	Wireline survey	7826	7826	12
1:30	1.00	08	Work on wireline machine (chain broke on motor)	7826	7826	12
2:30	3.50	06	Circulate, build slug trip out of hole to bha	7826	7826	12
Total:	24.00					

## Mud Properties

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
7826	5:00	13.50	13.50	60	34	24	10/11/13	2.0		1		22.1%	24.0%	51.0%	
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
							405	0.20	0.26	271593	0	0.00	68/32		
Water Loss	LCM	ECD	FL Temp				Remarks								
	0.0	0.0	140												

## Daily Summary

Activity Date :	10/2/2008	Days From Spud :	49	Current Depth :	7943 Ft	24 Hr. Footage Made :	117 Ft
Rig Company :	DHS	Rig Name:		DHS #10			
Formation :	Paradox Salt	Weather:					

## Operations

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	0.50	07	Service rig and top drive	7826	7826	12
6:30	3.00	06	Trip out of hole	7826	7826	12
9:30	2.00	06	Lay down straight motor, stabs, x-o subs	7826	7826	12
11:30	3.00	20	Pick up motor, monels, mwd, scribe same	7826	7826	12
14:30	1.00	20	Rig up mwd transducer, test mwd	7826	7826	12
15:30	6.50	06	Trip in hole filling pipe very 30stds testing mwd	7826	7826	13
22:00	1.00	03	Wash 7724'-7820' circulate	7826	7826	13
23:00	7.00	02	Drill 7826'-7943	7826	7943	13
Total:	24.00					

## Mud Properties

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
7929	5:00	13.50	13.50	63	30	32	12/13/14		3.2		1.00	23.3%	22.0%	52.0%	
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
							617	0.50	0.65	268498	0	0.00	70/30		
Water Loss	LCM	ECD	FL Temp				Remarks								
	0.0	0.0	140												

RECEIVED

DEC 30 2008

DIV. OF OIL, GAS & MINING

# Well Name:Federal 11-24

Field Name:	Wildcat	S/T/R:	11/22S/16E	County, State:	Grand, UT
Operator:	Delta Petroleum Corporation	Location Desc:		District:	Northern

## Daily Summary

Activity Date :	10/3/2008	Days From Spud :	50	Current Depth :	8268 Ft	24 Hr. Footage Made :	325 Ft
Rig Company :	DHS	Rig Name:	DHS #10				
Formation :	Paradox Salt	Weather:					

## Operations

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	2.00	02	Slide 7941'-7951'	7943	7951	13
8:00	2.00	02	Rotate 7951'-7973'	7951	7973	13
10:00	0.50	02	Slide 7973'-7988'	7973	7988	13
10:30	0.50	02	Rotate 7988'-8003'	7988	8003	13
11:00	0.50	07	Service rig	8003	8003	13
11:30	1.50	02	Rotate 8003'-8036'	8003	8036	13
13:00	1.50	02	Slide 8036'-8051'	8036	8051	13
14:30	2.00	02	Rotate 8051'-8099'	8051	8099	13
16:30	1.50	02	Slide 8099'-8107'	8099	8107	13
18:00	1.00	02	Slide 8107'-8116'	8107	8116	13
19:00	11.00	02	Rotate 8116'-8268'	8116	8268	13
Total:	24.00					

## Mud Properties

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
8250	5:00	13.60	13.50	64	31	35	13/15/16		4.0		1.00	23.2%	23.0%	51.0%	
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
							514	0.40	0.52	265609	0	0.00	69/31		
Water Loss	LCM	ECD	FL Temp					Remarks							
	0.0	0.0	140					Vac truck sucked out Frac tank 1 and 2							

## Daily Summary

Activity Date :	10/4/2008	Days From Spud :	51	Current Depth :	8640 Ft	24 Hr. Footage Made :	372 Ft
Rig Company :	DHS	Rig Name:	DHS #10				
Formation :	Paradox Salt	Weather:					

## Operations

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	1.50	02	Rotate 8268'-8278'	8268	8278	13
7:30	1.00	07	Service rig	8278	8278	13
8:30	6.50	02	Rotate 8278'-8395'	8278	8395	13
15:00	2.00	02	Slide 8395'-8411'	8395	8411	13
17:00	0.50	02	Rotate 8411'-8421'	8411	8421	13
17:30	0.50	22	Bop drill (well secure 45sec)	8421	8421	13
18:00	12.00	02	Rotate 8421'-8640'	8421	8640	13
Total:	24.00					

## Mud Properties

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
8639	5:00	13.60	13.50	64	32	33	13/15/16		4.0		1.00	23.2%	23.0%	51.0%	
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
							514	0.40	0.52	265609	0	0.00	69/31		
Water Loss	LCM	ECD	FL Temp					Remarks							
	0.0	0.0	140					Vac truck sucked out Frac tank 1 and 2							

# Well Name:Federal 11-24

Field Name:	Wildcat	S/T/R:	11/22S/16E	County,State:	Grand, UT
Operator:	Delta Petroleum Corporation	Location Desc:		District:	Northern

## Daily Summary

Activity Date :	10/5/2008	Days From Spud :	52	Current Depth :	9014 Ft	24 Hr. Footage Made :	374 Ft
Rig Company :	DHS	Rig Name:		DHS #10			
Formation :	Paradox Salt	Weather:					

## Operations

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	2.00	02	Rotate 8640'-8665'	8640	8665	13
8:00	1.00	02	Service rig and top drive (changed out dies on grabber)	8665	8665	13
9:00	9.00	02	Rotate 8665'-8859'	8665	8859	13
18:00	6.50	02	Rotate 8859'-8977'	8859	8977	13
0:30	0.50	02	Slide 8977'-8980'	8977	8980	13
1:00	2.00	02	Rotate 8980'-9005'	8980	9005	13
3:00	2.50	02	Slide 9005'-9014' (lost 600psi standpipe pressure )	9005	9014	13
5:30	0.50	22	Check pumps,surface equipment	9014	9014	13
Total:	24.00					

## Mud Properties

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
9007	5:00	13.60	13.50	67	23	31	13/15/16		1.0		1.00	25.4%	21.0%	51.0%	
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
							632	0.40	0.32	266454	0	0.00	71/29		
Water Loss	LCM	ECD	FL Temp	Remarks											
	0.0	0.0	140	Vac truck sucked out Frac tank 1 and 2											

## Daily Summary

Activity Date :	10/6/2008	Days From Spud :	53	Current Depth :	9085 Ft	24 Hr. Footage Made :	71 Ft
Rig Company :	DHS	Rig Name:		DHS #10			
Formation :	Paradox Salt	Weather:					

## Operations

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	0.50	22	BOP drill (well secure 45sec )	9014	9014	13
6:30	5.50	06	Trip out of hole (found wash out in hang off sub )	9014	9014	13
12:00	3.50	20	Lay down ubho,motor,mwd, pick up new and test same)	9014	9014	13
15:30	7.50	06	Trip in hole filling pipe every 30stds testing mwd	9014	9014	14
23:00	1.50	20	Run gamma and survey 8974'-9014'	9014	9014	14
0:30	2.50	02	Slide 9014'-9021'	9014	9021	14
3:00	3.00	02	Rotate 9021'-9085'	9021	9085	14
Total:	24.00					

## Mud Properties

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
9090	5:00	13.60	13.60	67	22	33	13/15/16		1.0		1.00	24.4%	5.0%	51.0%	
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
							632	0.40	0.32	266454	0	0.00	91/9		
Water Loss	LCM	ECD	FL Temp				Remarks								
	0.0	0.0	110				Vac truck sucked out Frac tank 1 and 2								
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
9090		13.60	13.60	67	22	33	13/15/16	0.0	1.0	0	2.00	24.4%	21.0%	52.0%	0.0%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
0.0	0.00	0.00	0.00	0.00	2	1	697	0.30	0.39	0	0	0.00	71/29	0	
Water Loss	LCM	ECD	FL Temp				Remarks								
0	0.0	0.0	110												

<b>Well Name: Federal 11-24</b>																	
Field Name:			Wildcat			S/T/R:			11/22S/16E			County, State:			Grand, UT		
Operator:			Delta Petroleum Corporation			Location Desc:						District:			Northern		

<b>Daily Summary</b>																							
Activity Date :			10/7/2008			Days From Spud :			54			Current Depth :			9665 Ft			24 Hr. Footage Made :			580 Ft		
Rig Company :			DHS			Rig Name:			DHS #10														
Formation :			Paradox Salt			Weather:																	

<b>Operations</b>																	
Start	Hrs	Code	Remarks										Start Depth	End Depth	Run		
6:00	2.50	02	Rotate 9085'-9143'										9085	9143	14		
8:30	0.50	07	Service rig and top drive										9143	9143	14		
9:00	21.00	02	Rotate 9143'-9665'										9143	9665	14		
Total:		24.00															

<b>Mud Properties</b>																	
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand		
9665	5:00	13.60	13.60	67	23	31	13/15/16		1.0		1.00	23.4%	21.0%	53.0%			
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss			
							687	0.30	0.39	266454	0	0.00	72/28				
Water Loss	LCM	ECD	FL Temp	Remarks													
	0.0	0.0	110	Vac truck sucked out Frac tank 1 and 2													

<b>Daily Summary</b>																							
Activity Date :			10/8/2008			Days From Spud :			55			Current Depth :			9978 Ft			24 Hr. Footage Made :			463 Ft		
Rig Company :			DHS			Rig Name:			DHS #10														
Formation :			Paradox Salt			Weather:																	

<b>Operations</b>																	
Start	Hrs	Code	Remarks										Start Depth	End Depth	Run		
6:00	4.00	02	Rotate 9665'-9718'										9665	9718	14		
10:00	0.50	07	Service rig and top drive										9718	9718	14		
10:30	7.50	02	Rotate 9718'-9828'										9718	9828	14		
18:00	11.50	02	Rotate 9828'-9978' (Lost complete returns )										9828	9978	14		
5:30	0.50	22	pick up 60' above bottom attempt to circulate at slow pump rate no returns, fill backside 32bbbls to fill										9828	9978	14		
Total:		24.00															

<b>Mud Properties</b>																	
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand		
9665	5:00	13.60	13.60	67	23	31	13/15/16		1.0		1.00	23.4%	21.0%	53.0%			
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss			
							687	0.30	0.39	266454	0	0.00	72/28				
Water Loss	LCM	ECD	FL Temp	Remarks													
	0.0	0.0	110	Vac truck sucked out Frac tank 1 and 2													

<b>Well Name: Federal 11-24</b>															
Field Name: Wildcat				S/T/R: 11/22S/16E				County, State: Grand, UT							
Operator: Delta Petroleum Corporation				Location Desc:				District: Northern							

<b>Daily Summary</b>															
Activity Date :		10/9/2008		Days From Spud :		56		Current Depth :		9978 Ft		24 Hr. Footage Made :		0 Ft	
Rig Company :		DHS						Rig Name:		DHS #10					
Formation :		Paradox Salt						Weather:							

<b>Operations</b>															
Start	Hrs	Code	Remarks										Start Depth	End Depth	Run
6:00	8.50	03	Pull 5stds, attempt to circulate no returns, filling backside, not staying static, pull 3stds, hole packing off, backream out of hole attempting to circulate, filling backside, backreamed to shoe @ 6050', filled backside w/12.0 mud took 87bbls to fill										9978	9978	14
14:30	6.50	05	Established partial returns, circulated bottoms up, getting full returns on bottoms up, building volume, w/mud from rig#1										9978	9978	14
21:00	0.50	22	Kick pump out, conduct negative test, hole static										9978	9978	14
21:30	1.50	05	Circulate bottoms up										9978	9978	14
23:00	6.50	06	Trip out of hole, lay down directional equipment										9978	9978	14
5:30	0.50	06	Make up bit, trip in hole										9978	9978	14
Total:		24.00													

<b>Mud Properties</b>															
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
9978	5:00	13.00	13.00	67	23	31	13/15/16		1.0		1.00	23.4%	21.0%	53.0%	
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
							687	0.30	0.39	266454	0	0.00	72/28		
Water Loss		LCM	ECD	FL Temp	Remarks										
		0.0	0.0	110	Vac truck sucked out Frac tank 1 and 2										

<b>Daily Summary</b>															
Activity Date :		10/10/2008		Days From Spud :		57		Current Depth :		9978 Ft		24 Hr. Footage Made :		0 Ft	
Rig Company :		DHS						Rig Name:		DHS #10					
Formation :		Paradox Salt						Weather:							

<b>Operations</b>															
Start	Hrs	Code	Remarks										Start Depth	End Depth	Run
6:00	4.00	06	Trip in hole @ 6070' install rotating head, fill pipe break circulation										9978	9978	14
10:00	2.50	06	Trip in hole @ 8000', fill pipe establish circulation slow pump rate, circulate btms up										9978	9978	14
12:30	4.50	06	Trip in hole @ 9014', fill pipe establish circulation, slow pump rate hole taking mud, circulate btms up										9978	9978	14
17:00	3.00	06	Trip in hole @ 9978'										9978	9978	14
20:00	3.00	05	Circulate btms up, losing 30bbls/hr										9978	9978	14
23:00	1.00	22	Pump 19.5bbls, 15.6ppg cement plug,										9978	9978	14
0:00	0.50	06	Pull 10stds,										9978	9978	14
0:30	3.00	05	Circulate, wait on cement										9978	9978	14
3:30	0.50	03	Wash to top of cement @ 9932'										9978	9978	14
4:00	2.00	05	Circulate btms up										9978	9978	14
Total:		24.00													

<b>Mud Properties</b>															
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
9978	5:00	13.00	13.00	67	24	31	8/10/11		4.0		3.00	22.6%	25.0%	51.0%	
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
							478	0.20	0.26	140394	0	0.00	67/33		
Water Loss		LCM	ECD	FL Temp	Remarks										
		0.0	0.0	90	Vac truck sucked out Frac tank 1 and 2										

<b>Well Name: Federal 11-24</b>														
Field Name: Wildcat			S/T/R: 11/22S/16E			County, State: Grand, UT								
Operator: Delta Petroleum Corporation			Location Desc:			District: Northern								

<b>Daily Summary</b>															
Activity Date :		10/11/2008		Days From Spud :		58		Current Depth :		9978 Ft		24 Hr. Footage Made :		0 Ft	
Rig Company :		DHS				Rig Name:		DHS #10							
Formation :		Paradox Salt				Weather:									

<b>Operations</b>															
Start	Hrs	Code	Remarks										Start Depth	End Depth	Run
6:00	3.00	05	Circulated btms up at slow pump rate 4.3bpm no losses, increased pump rate 6bpm, good returns, 1bbl/hr loss										9978	9978	14
9:00	0.50	22	Perform fit test, above cement plug @ 464psi/13# mw, equiv 13.9 mw, (psi reached 407# formation broke down )										9978	9978	14
9:30	1.50	22	Mix and pump 14bbls, 15.6# class G cement, 11bbls tuned spacer front&back, @ 9932'										9978	9978	14
11:00	0.50	06	Pull up 9932'-8980'										9978	9978	14
11:30	1.00	05	Circulate and clear drill pipe										9978	9978	14
12:30	5.00	06	Make wiper trip to shoe										9978	9978	14
17:30	0.50	03	Wash 9836'-9932' (did not tag any cement, tagged original plug @ 9932')										9978	9978	14
18:00	2.00	05	Circulate btms up, losing 13bbls/hr (no cmt back )										9978	9978	14
20:00	1.00	22	Pump 16bbls 14.5# class G cement, 20bbls tuned spacer front, 10bbls back										9978	9978	14
21:00	1.00	06	Pull up 9932'-8980'										9978	9978	14
22:00	3.00	05	Circulate btms up, @ 4.3bbls/min (hole staying static no losses)										9978	9978	14
1:00	0.50	22	Conduct negative test (hole static)										9978	9978	15
1:30	3.50	06	Make wiper trip to shoe (while waiting on cement)										9978	9978	15
5:00	1.00	08	Work on pumps (Pull trash from under valves)										9978	9978	15
Total:		24.00													

<b>Mud Properties</b>															
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
9978	5:00	12.90	12.90	61	24	18	10/11/13		4.0		3.00	22.3%	32.9%	67.1%	
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
					1		501	0.50	0.65	163798	0	0.00	67/33		
Water Loss		LCM	ECD	FL Temp	Remarks										
		10.0	13.3	90	Vac truck sucked out Frac tank 1 and 2										

<b>Daily Summary</b>															
Activity Date :		10/12/2008		Days From Spud :		59		Current Depth :		9978 Ft		24 Hr. Footage Made :		0 Ft	
Rig Company :		DHS				Rig Name:		DHS #10							
Formation :		Paradox Salt				Weather:									

<b>Operations</b>															
Start	Hrs	Code	Remarks										Start Depth	End Depth	Run
6:00	3.00	03	Wash 9365'-9932' (no cmt )										9978	9978	15
9:00	3.00	05	Circulate btms up										9978	9978	15
12:00	6.00	06	Trip out of hole to log										9978	9978	15
18:00	12.00	11	Held safety meeting, rig up halliburton, run quad combo										9978	9978	15
Total:		24.00													

<b>Mud Properties</b>															
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
9978	5:00	13.00	13.00	67	23	31	13/15/16		1.0		1.00	23.4%	21.0%	53.0%	
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
							687	0.30	0.39	266454	0	0.00	72/28		
Water Loss		LCM	ECD	FL Temp	Remarks										
		0.0	0.0	110	Vac truck sucked out Frac tank 1 and 2										

# Well Name:Federal 11-24

Field Name:	Wildcat	S/T/R:	11/22S/16E	County, State:	Grand, UT
Operator:	Delta Petroleum Corporation	Location Desc:		District:	Northern

## Daily Summary

Activity Date :	10/13/2008	Days From Spud :	60	Current Depth :	9978 Ft	24 Hr. Footage Made :	0 Ft
Rig Company :	DHS	Rig Name:	DHS #10	Formation :	Paradox Salt	Weather:	

## Operations

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	12.00	11	Ran Quad combo/first run had to pull tool and rehead same	9978	9978	15
18:00	7.00	11	Ran dip meter and RCst/cores pulled 4cores first run/pulled tool work on same/second run pulled 9cores	9978	9978	15
1:00	5.00	06	Trip in hole	9978	9978	15
Total:	24.00					

## Mud Properties

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
9978	5:00	13.00	13.00	67	23	31	13/15/16		1.0		1.00	23.4%	21.0%	53.0%	
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
							687	0.30	0.39	266454	0	0.00	72/28		
Water Loss		LCM	ECD	FL Temp				Remarks							
		0.0	0.0	110				Vac truck sucked out Frac tank 1 and 2							

## Daily Summary

Activity Date :	10/14/2008	Days From Spud :	61	Current Depth :	9978 Ft	24 Hr. Footage Made :	0 Ft
Rig Company :	DHS	Rig Name:	DHS #10	Formation :	Paradox Salt	Weather:	

## Operations

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	4.50	05	Circulate 1.5 btms up	9978	9978	15
10:30	7.50	06	Pump slug ,lay down drill pipe	9978	9978	15
18:00	1.50	06	Trip in hole with drill collars	9978	9978	15
19:30	2.00	09	Cut and slip drill line	9978	9978	15
21:30	2.00	06	Lay down drill collars	9978	9978	15
23:30	2.00	22	Rig up casing crew, l/d machine, bails, held safety meeting with crews involved	9978	9978	15
1:30	4.50	12	Make up shoe and check same, picking up 5.5 casing	9978	9978	15
Total:	24.00					

## Mud Properties

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
9978	5:00	12.90	12.90	62	31	15	8/9/11		4.0		3.00	20.6%	40.8%	59.2%	
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
					2	1	589	1.00	1.30	239580	8	0.00	59/41		
Water Loss		LCM	ECD	FL Temp				Remarks							
		0.0	0.0	78				Vac truck sucked out Frac tank 1 and 2							

**Well Name:Federal 11-24**

Field Name:	Wildcat	S/T/R:	11/22S/16E	County,State:	Grand, UT
Operator:	Delta Petroleum Corporation	Location Desc:		District:	Northern

**Daily Summary**

Activity Date :	10/15/2008	Days From Spud :	62	Current Depth :	9978 Ft	24 Hr. Footage Made :	0 Ft
Rig Company :	DHS	Rig Name:	DHS #10				
Formation :	Paradox Salt	Weather:					

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	2.50	12	Run 5.5 casing	9978	9978	15
8:30	0.50	22	Work on lay down machine (fast line cable broke,rigged down lay down machine)	9978	9978	15
9:00	1.00	12	Run 5.5 casing @ 9908'	9978	9978	15
10:00	6.00	05	Circulate slow pump rate,2 1/2 circulations reduced mud weight 13.0-12.5	9978	9978	15
16:00	1.50	12	Make up hanger,landing joint and set hanger full tension 170k	9978	9978	15
17:30	2.50	12	Rig up halliburton,swap lines,test lines @ 3500psi,cement w/halliburton,bumped plug w/1612psi,500psi over,got 1bbl back	9978	9978	15
20:00	1.00	12	Rig down halliburton,back out landing joint	9978	9978	15
21:00	9.00	14	Wash thru standpipe,choke manifold,etc...,nipple down bops,transfer mud to frac tanks to clean mud tanks	9978	9978	15

Total:24.00

**Mud Properties**

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
9978	5:00	12.90	12.90	62	31	15	8/9/11		4.0		3.00	20.6%	40.8%	59.2%	
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
					2	1	589	1.00	1.30	239580	8	0.00	59/41		
Water Loss		LCM	ECD	FL Temp	Remarks										
		0.0	0.0	78	Vac truck sucked out Frac tank 1 and 2										

**Daily Summary**

Activity Date :	10/16/2008	Days From Spud :	63	Current Depth :	9978 Ft	24 Hr. Footage Made :	0 Ft
Rig Company :	DHS	Rig Name:	DHS #10				
Formation :		Weather:					

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	1.50	14	Nipple up cap on well,test same	9978	9978	15
7:30	10.50	22	Lay down all rental equipment,rig top drive down(rig released @ 18:00 10/15/08 )	9978	9978	15
18:00	12.00	01	Rigging down DHS 10 for rig move	9978	9978	15
Total:	24.00					

**Mud Properties**

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
9978	5:00	12.90	12.90	62	31	15	8/9/11		4.0		3.00	20.6%	40.8%	59.2%	
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
					2	1	589	1.00	1.30	239580	8	0.00	59/41		
Water Loss		LCM	ECD	FL Temp				Remarks							
		0.0	0.0	78				Vac truck sucked out Frac tank 1 and 2							



<b>Well Name: Federal 11-24</b>														
Field Name: Wildcat			S/T/R: 11/22S/16E			County, State: Grand, UT								
Operator: Delta Petroleum Corporation			Location Desc:			District: Northern								

<b>Daily Summary</b>															
Activity Date :		10/17/2008		Days From Spud :		64		Current Depth :		9978 Ft		24 Hr. Footage Made :		0 Ft	
Rig Company :		DHS						Rig Name:		DHS #10					
Formation :		Paradox Salt						Weather:							

<b>Operations</b>															
Start	Hrs	Code	Remarks										Start Depth	End Depth	Run
6:00	18.00	01	Rigging down demob all rental equipment,										9978	9978	15
0:00	6.00	23	wait on daylight										9978	9978	15
Total:		24.00													

<b>Mud Properties</b>															
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
9978	5:00	12.90	12.90	62	31	15	8/9/11		4.0		3.00	20.6%	40.8%	59.2%	
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
					2	1	589	1.00	1.30	239580	8	0.00	59/41		
Water Loss		LCM	ECD	FL Temp	Remarks										
		0.0	0.0	78	Vac truck sucked out Frac tank 1 and 2										

<b>Daily Summary</b>															
Activity Date :		10/18/2008		Days From Spud :		65		Current Depth :		9978 Ft		24 Hr. Footage Made :		0 Ft	
Rig Company :		DHS						Rig Name:		DHS #10					
Formation :								Weather:							

<b>Operations</b>															
Start	Hrs	Code	Remarks										Start Depth	End Depth	Run
6:00	12.00	01	Layed down derrick, rigged down and spread out loads for demob										9978	9978	15
18:00	12.00	22	Wait on daylight										9978	9978	15
Total:		24.00													

<b>Mud Properties</b>															
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
9978	5:00	12.90	12.90	62	31	15	8/9/11		4.0		3.00	20.6%	40.8%	59.2%	
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
					2	1	589	1.00	1.30	239580	8	0.00	59/41		
Water Loss		LCM	ECD	FL Temp	Remarks										
		0.0	0.0	78	Vac truck sucked out Frac tank 1 and 2										

<b>Daily Summary</b>															
Activity Date :		10/19/2008		Days From Spud :		66		Current Depth :		9978 Ft		24 Hr. Footage Made :		0 Ft	
Rig Company :		DHS						Rig Name:		DHS #10					
Formation :								Weather:							

<b>Operations</b>															
Start	Hrs	Code	Remarks										Start Depth	End Depth	Run
6:00	24.00	01	Rigging down rig and washing same for rig move										9978	9978	15
Total:		24.00													

<b>Mud Properties</b>															
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
9978	5:00	12.90	12.90	62	31	15	8/9/11		4.0		3.00	20.6%	40.8%	59.2%	
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
					2	1	589	1.00	1.30	239580	8	0.00	59/41		
Water Loss		LCM	ECD	FL Temp	Remarks										
		0.0	0.0	78	Vac truck sucked out Frac tank 1 and 2										

# Well Name:Federal 11-24

Field Name:	Wildcat	S/T/R:	11/22S/16E	County, State:	Grand, UT
Operator:	Delta Petroleum Corporation	Location Desc:		District:	Northern

## Formation

Formation Name	Current Well Top	Subsea Datum	Ref Well Top	Elec Top	Comments
Moenkopi	0	0	2873	0	
"O" zone clastics	0	0	9488	0	
Burro Canyon	0	0	0	0	
Carmel	0	0	1468	0	
Chinle	0	0	2555	0	
er - Elephant Canyon	0	0	7173	0	
utler - Organ Rock m	0	0	3943	0	
Entrada	0	0	969	0	
Cane Creek" clastics	0	0	10096	0	
Kayenta	0	0	2037	0	
Wingate	0	0	2190	0	
Navajo	0	0	1604	0	
Paradox Salt	0	0	6112	0	
Pinkerton Trail	0	0	10237	0	
Shinarump	0	0	2723	0	
Sinbad ls	0	0	3365	0	
White Rim	0	0	3583	0	
Honaker Trail	0	0	5023	0	
Morrison	4337	-4337	55	0	

## Casing

DateIn	Setting Depth	Jts Run	Type	Size	Weight	Grade	MINID	HoleDiam	TD
8/19/2008	2062.1	49	3. Surface	13.375	54.5	J-55	12.615	17.5	2067

Stage: 1, Spacer, 20, 0, GELLED WATER  
FRESH WATER, , 0, 0

Stage: 1, Spacer, 10, 0, WATER SPACER  
WATER SPACER, , 0, 0

Stage: 1, Lead, 0, 735, PRB-2-SBM, , 2.95, 11.5

Stage: 1, Tail, 0, 410, PBR-2-SBM, , 1.81, 13.5

Stage: 1, Displacement, 312, 0, FRESH WATER, , 0, 0

9/21/2008	6082.49	141	4. Intermediate	9.625	43.5		0	12.25	6082
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Stage: 1, Spacer, 40, 0,  
BARITE, FRESH WATER

RITE & FRESH WATER, , 0, 0

Stage: 1, Lead, 0, 755, , Lightweight, 2.21, 12.5

Stage: 1, Tail, 0, 875, , Class G, 1.18, 15.8

Stage: 1, Displacement, 450, 0, INVERT/WATER, , 0, 0

10/13/2008	9931.569	213	5. Production	5.5	23	P-110	0	8.5	9932
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Stage: 1, Spacer, 40, 0, Tuned Spacer 111, , 0, 0

Stage: 1, Lead, 0, 1100, .4%halad413.4%halad34410%salt.2%cf-3.6%chem-welllife,1%D-air,.3%hr5,.2%super cbl., Class G, 1.29, 15.3

Stage: 1, Displacement, 210, 0, Invert mud, , 0, 0

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

**CONFIDENTIAL**

7. Lease Serial No.  
UTU 82156  
6. Field and/or Well Name  
NA

**SUBMIT IN TRIPLICATE – Other instructions on page 2.**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator  
Delta Petroleum Corporation

3a. Address  
370 17th St., Suite 4300 - Denver, CO 80202

3b. Phone No. (include area code)  
Hannah Knopping - 303-575-0397

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
SESW 8665' FSL & 1997' FWL - Section 11-T22S-R16E, SLM

7. If Unit of CA/Agreement, Name and/or No.  
NA

8. Well Name and No.  
Federal 11-24

9. API Well No.  
4301931575

10. Field and Pool or Exploratory Area  
Wildcat

11. Country or Parish, State  
Grand County, Utah

**12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <u>Weekly Well History</u>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

**TIGHT HOLE STATUS**

Please see attached "Drilling Chronological Regulatory Report" from 10/20/2008 - 12/19/2008.

Current Status: Completion Operations.

14. I hereby certify that the foregoing is true and correct.

Name (Printed/Typed)  
Hannah Knopping

Title Regulatory Agent

Signature

*Hannah Knopping*

Date

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

**RECEIVED**

**DEC 30 2008**

**DIV OF OIL, GAS & MINING**



# Delta Petroleum Corporation

370 17th St. Suite #4300  
Denver, CO 80202  
(303) 293-9133

## WellWork AFE Chronological Regulatory Report

<b>Well Name : Federal 11-24</b>					
Prospect:	Greentown			AFE #:	4172
Sec/Twp/Rge:	11 / 22S / 16E			Operator:	Delta Petroleum Corporation
API #:	43019315750000	Field:	Wildcat	Supervisor:	Arin Fischer
Work Type:	Completion	County, St.:	Grand, UT	Phone:	
Production Current/Expected	Oil:	0 / 0	Gas:	0 / 0	Water:
Job Purpose : Drill and complete a Paradox salt wildcat well.					

### Wellwork Details

Date :	10/20/2008	Activity:	Prepare pad	Rig Name:		Days :	1
Daily Report Summary :		MI S & S blade and scrape water and mud from location. MI Cameron 10k B Section wellhead. NU wellhead. Pressure test wellhead to 10,000 psi. Wellhead will not test. ND wellhead. Install plug and packing which were missing. NU 10k B Section. Pressure test to 10,000 psi. Test successful. RDMO Cameron. RDMO S & S scraper. Secure well. SDFN.					
Daily Report Detail:		MI S & S blade and scrape water and mud from location. MI Cameron 10k B Section wellhead. NU wellhead. Pressure test wellhead to 10,000 psi. Wellhead will not test. ND wellhead. Install plug and packing which were missing. NU 10k B Section. Pressure test to 10,000 psi. Test successful. RDMO Cameron. RDMO S & S scraper. Secure well. SDFN.					
From 0:00 To 8:00	8 hrs	Category/Rmks:	SDFN :				
From 8:00 To 11:00	3 hrs	Category/Rmks:	Other :				
From 11:00 To 12:00	1 hrs	Category/Rmks:	Other :				
From 12:00 To 15:00	3 hrs	Category/Rmks:	NU :				
From 15:00 To 16:00	1 hrs	Category/Rmks:	Other : still blading location				
From 16:00 To 0:00	8 hrs	Category/Rmks:	SDFN :				
Date :	10/21/2008	Activity:	Log	Rig Name:		Days :	2
Daily Report Summary :		MI S & S bachoe. Dig up mouse holes. Scrap mud from location. MI Schlumberger logging crew. Perform bond log from T.D. to TOC. TOOH with logging tool. Lay down logging tools. RDMO Schlumberger logging crew. Secure well. SDFN.					
Daily Report Detail:		MI S & S bachoe. Dig up mouse holes. Scrap mud from location. MI Schlumberger logging crew. Perform bond log from T.D. to TOC. TOOH with logging tool. Lay down logging tools. RDMO Schlumberger logging crew. Secure well. SDFN.					
Date :	10/22/2008	Activity:	Jetting	Rig Name:		Days :	3
Daily Report Summary :		MI FESCO flowback manifold. MI flowback tank. MI 1.75" coil tubing rig. MI Baker hand with 4.4" mill and scraper. RU coil rig. TIH with bit and scraper. Jet with nitrogen as we TIH with 1.75" coil. Tag up at 9840'. Pump 40 bbls of diesel. Pump nitrogen. Displace diesel with nitrogen. Flowback diesel. TOOH with coil. Well still blowing nitrogen. Secure well. Leave well open for night to flowback tank. SDFN.					
Daily Report Detail:		MI FESCO flowback manifold. MI flowback tank. MI 1.75" coil tubing rig. MI Baker hand with 4.4" mill and scraper. RU coil rig. TIH with bit and scraper. Jet with nitrogen as we TIH with 1.75" coil. Tag up at 9840'. Pump 40 bbls of diesel. Pump nitrogen. Displace diesel with nitrogen. Flowback diesel. TOOH with coil. Well still blowing nitrogen. Secure well. Leave well open for night to flowback tank. SDFN.					
From 0:00 To 8:00	8 hrs	Category/Rmks:	SDFN :				
From 8:00 To 10:30	2.5 hrs	Category/Rmks:	RU :				
From 10:30 To 14:00	3.5 hrs	Category/Rmks:	TIH :				
From 14:00 To 16:00	2 hrs	Category/Rmks:	Circulate :				
From 16:00 To 17:30	1.5 hrs	Category/Rmks:	Other : broke down with nitrogen truck				
From 17:30 To 20:30	3 hrs	Category/Rmks:	TOOH :				
From 20:30 To 21:00	0.5 hrs	Category/Rmks:	Other :				
From 21:00 To 0:00	3 hrs	Category/Rmks:	SDFN :				

**RECEIVED**

**DEC 30 2008**

**DIV. OF OIL, GAS & MINING**

Well Name : Federal 11-24									
Prospect:		Greentown				AFE #:		4172	
Sec/Twp/Rge:		11 / 22S / 16E				Operator:		a Petroleum Corpora	
API #:		43019315750000		Field:		Wildcat		Supervisor:	
Work Type:		Completion		County , St.:		Grand, UT		Phone:	
Production Current/Expected		Oil:		0 / 0		Gas:		0 / 0	
		Water:				0 / 0			
Job Purpose : Drill and complete a Paradox salt wildcat well.									
Date :		10/23/2008		Activity:		Perforate		Rig Name:	
								Days :4	
Daily Report Summary :		RD Baker scraper and mill. RDMO CTS coil unit. NU Weatherford BOP's. Pressure up well with nitrogen to 500 psi. BOP's not holding. NU Weatherford frac valve. Pressure up well with nitrogen to 500 psi. Well holding at 500 psi. RDMO CTS nitrogen truck. MIRU Perf-O-Log. SICP 550 psi. PU perforating guns. TIH with guns. Perforate well at 8977'-8978' (3 total holes). SICP 550 psi. TOOH with guns. Lay down guns. All shots fired. RDMO Perf-o-log perforators. Open well up to manifold. Blowdown well to flowback tank. Well blows down in 45 minutes all gas. SI well. Secure well. SDFN.							
Daily Report Detail:		RD Baker scraper and mill. RDMO CTS coil unit. NU Weatherford BOP's. Pressure up well with nitrogen to 500 psi. BOP's not holding. NU Weatherford frac valve. Pressure up well with nitrogen to 500 psi. Well holding at 500 psi. RDMO CTS nitrogen truck. MIRU Perf-O-Log. SICP 550 psi. PU perforating guns. TIH with guns. Perforate well at 8977'-8978' (3 total holes). SICP 550 psi. TOOH with guns. Lay down guns. All shots fired. RDMO Perf-o-log perforators. Open well up to manifold. Blowdown well to flowback tank. Well blows down in 45 minutes all gas. SI well. Secure well. SDFN.							
From 0:00 To 7:00		7 hrs		Category/Rmks:		SDFN :			
From 7:00 To 9:00		2 hrs		Category/Rmks:		RD :			
From 9:00 To 10:00		1 hrs		Category/Rmks:		NU :			
From 10:00 To 10:30		0.5 hrs		Category/Rmks:		RU :			
From 10:30 To 12:00		1.5 hrs		Category/Rmks:		Perf :			
From 12:00 To 13:00		1 hrs		Category/Rmks:		RD :			
From 13:00 To 14:00		1 hrs		Category/Rmks:		Flow :			
From 14:00 To 0:00		10 hrs		Category/Rmks:		SDFN :			
Date :		10/24/2008		Activity:		MIRU		Rig Name:	
								Days :5	
Daily Report Summary :		MI 1 load of KCL concentrate and 3 loads of fresh water. MIRU Calfrac pump truck. Fill casing with 185 bbls of 5% KCL. Fill casing 23 bbls short of being full. MIRU 1 light plant. MIRU M & M well service rig. ND Frac valve. Inspect BOP. Change out rams in BOP. Install 1 set of 2.875 tubing rams & 1 set of blind rams. MI pipe racks and catwalk. MI 330 joints of 2.875" 8rd P-110 6.5# Reconditioned tubing. PU Baker 5.5" retrievamatric packer. TIH with 76 joints of tubing & packer. Secure well. SDFN.							
Daily Report Detail:		MI 1 load of KCL concentrate and 3 loads of fresh water. MIRU Calfrac pump truck. Fill casing with 185 bbls of 5% KCL. Fill casing 23 bbls short of being full. MIRU 1 light plant. MIRU M & M well service rig. ND Frac valve. Inspect BOP. Change out rams in BOP. Install 1 set of 2.875 tubing rams & 1 set of blind rams. MI pipe racks and catwalk. MI 330 joints of 2.875" 8rd P-110 6.5# Reconditioned tubing. PU Baker 5.5" retrievamatric packer. TIH with 76 joints of tubing & packer. Secure well. SDFN.							
From 0:00 To 7:00		7 hrs		Category/Rmks:		SDFN :			
From 7:00 To 9:00		2 hrs		Category/Rmks:		Other :			
From 9:00 To 10:00		1 hrs		Category/Rmks:		RU :			
From 10:00 To 10:30		0.5 hrs		Category/Rmks:		Other : pump water			
From 10:30 To 11:00		0.5 hrs		Category/Rmks:		RD :			
From 11:00 To 14:30		3.5 hrs		Category/Rmks:		Other :			
From 14:30 To 17:30		3 hrs		Category/Rmks:		MIRU :			
From 17:30 To 18:30		1 hrs		Category/Rmks:		RU :			
From 18:30 To 20:30		2 hrs		Category/Rmks:		TIH :			
From 20:30 To 0:00		3.5 hrs		Category/Rmks:		SDFN :			

Well Name : Federal 11-24							
Prospect:		Greentown			AFE #:		4172
Sec/Twp/Rge:		11 / 22S / 16E			Operator:		a Petroleum Corpora
API #:		43019315750000	Field:		Wildcat	Supervisor:	
Work Type:		Completion	County , St.:		Grand, UT	Phone:	
Production Current/Expected:		Oil:	0 / 0	Gas:	0 / 0	Water:	0 / 0
Job Purpose : Drill and complete a Paradox salt wildcat well.							
Date :		10/25/2008	Activity:		Breakdown	Rig Name:	
Days :		6					
Daily Report Summary :		TIH with 209 joints of 2.875" P-110 8rd tubing. Set baker packer at 8949'. MIRU BJ pump crew. Hold safety meeting. Discuss safety with crew. Set Max pressure of 9500 psi for pump in. Pressure test backside line to 3000 psi. Fill backside with 1 bbls of 5% KCL water. Pressure up backside to 2000 psi. SI backside. Swap lines over to tubing side. Pressure test tubing lines to 10000 psi. Get a break of 1.3 bpm at 7700 psi. Increase rate to 3.1 bpm at 7000 psi. Pump 49 bbls into formation. ISIP 5670 psi. FG 1.08 psi/ft. Average pressure 7000 psi. Average Rate 3.1 bpm. SI well. Secure well. RDMO BJ pump crew. SDFN.					
Daily Report Detail:		TIH with 209 joints of 2.875" P-110 8rd tubing. Set baker packer at 8949'. MIRU BJ pump crew. Hold safety meeting. Discuss safety with crew. Set Max pressure of 9500 psi for pump in. Pressure test backside line to 3000 psi. Fill backside with 1 bbls of 5% KCL water. Pressure up backside to 2000 psi. SI backside. Swap lines over to tubing side. Pressure test tubing lines to 10000 psi. Get a break of 1.3 bpm at 7700 psi. Increase rate to 3.1 bpm at 7000 psi. Pump 49 bbls into formation. ISIP 5670 psi. FG 1.08 psi/ft. Average pressure 7000 psi. Average Rate 3.1 bpm. SI well. Secure well. RDMO BJ pump crew. SDFN.					
From 0:00 To 6:30		6.5 hrs	Category/Rmks:		SDFN :		
From 6:30 To 11:00		4.5 hrs	Category/Rmks:		TIH :		
From 11:00 To 12:30		1.5 hrs	Category/Rmks:		RU :		
From 12:30 To 14:30		2 hrs	Category/Rmks:		Other :		
From 14:30 To 15:30		1 hrs	Category/Rmks:		RD :		
From 15:30 To 0:00		8.5 hrs	Category/Rmks:		SDFN :		
Date :		10/26/2008	Activity:		SDFWE	Rig Name:	
Days :		7					
Daily Report Summary :		SDFWE					
Daily Report Detail:		SDFWE					
From 0:00 To 0:00		24 hrs	Category/Rmks:		SDFWE :		
Date :		10/27/2008	Activity:		TOOH	Rig Name:	
Days :		8					
Daily Report Summary :		Well shut in since Saturday afternoon. Pulled guages from tubing with tubing pressure of 5400 psi. SICP 2000 psi. Bled down backside to flowback tank, recovering 2 bbls. Opened tubing to flowback tank. While bleeding pressure to 0 psi, recovered 16 bbls of 5% KCL water. Released packer. TOOH, laying down 285 jts and 5 1/2 Retrieromatic packer. SDFN. SICP 0 psi. Secured well.					
Daily Report Detail:		Well shut in since Saturday afternoon. Pulled guages from tubing with tubing pressure of 5400 psi. SICP 2000 psi. Bled down backside to flowback tank, recovering 2 bbls. Opened tubing to flowback tank. While bleeding pressure to 0 psi, recovered 16 bbls of 5% KCL water. Released packer. TOOH, laying down 285 jts and 5 1/2 Retrieromatic packer. SDFN. SICP 0 psi. Secured well.					
From 0:00 To 12:00		12 hrs	Category/Rmks:		SDFWE :		
From 12:00 To 14:00		2 hrs	Category/Rmks:		Other :		
From 14:00 To 15:00		1 hrs	Category/Rmks:		Flow :		
From 15:00 To 18:00		3 hrs	Category/Rmks:		TOOH :		
From 18:00 To 0:00		6 hrs	Category/Rmks:		SDFN :		
Date :		10/28/2008	Activity:		NU BOP	Rig Name:	
Days :		9					
Daily Report Summary :		Well shut in overnight. SICP 30 psi. NU 10K Frac Valve. RDMO location. Secure well.					
Daily Report Detail:		Well shut in overnight. SICP 30 psi. NU 10K Frac Valve. RDMO location. Secure well.					
From 0:00 To 7:00		7 hrs	Category/Rmks:		SDFN :		
From 7:00 To 9:00		2 hrs	Category/Rmks:		NU :		
From 9:00 To 13:00		4 hrs	Category/Rmks:		RD :		
From 13:00 To 0:00		11 hrs	Category/Rmks:		SDFN :		

Well Name : Federal 11-24									
Prospect:		Greentown				AFE #:		4172	
Sec/Twp/Rge:		11 / 22S / 16E				Operator:		a Petroleum Corpora	
API #:		43019315750000		Field:		Wildcat		Supervisor:	
Work Type:		Completion		County , St.:		Grand, UT		Phone:	
Production Current/Expected		Oil:		0 / 0		Gas:		0 / 0	
		Water:				0 / 0			
Job Purpose : Drill and complete a Paradox salt wildcat well.									
Date :		10/29/2008		Activity:		Test BOP		Rig Name:	
								Days :10	
Daily Report Summary :		Well shut in. SICP 20 psi. MIRU HN Gold to pressure test BOP and Frac Valve. Set Tubing hanger with Back-Pressure Valve. Pressure test to 9800 psi. Bled down. RDMO HN Gold. MIRU HES Coil unit to circulate 7% KCL water in well-bore. TIH to 9200'. Circulate well with 7% KCL. Continue coil process.							
Daily Report Detail:		Well shut in. SICP 20 psi. MIRU HN Gold to pressure test BOP and Frac Valve. Set Tubing hanger with Back-Pressure Valve. Pressure test to 9800 psi. Bled down. RDMO HN Gold. MIRU HES Coil unit to circulate 7% KCL water in well-bore. TIH to 9200'. Circulate well with 7% KCL. Continue coil process.							
From 0:00 To 8:00		8 hrs		Category/Rmks:		SDFN :			
From 8:00 To 10:00		2 hrs		Category/Rmks:		NU :			
From 10:00 To 13:00		3 hrs		Category/Rmks:		Circulate :			
From 13:00 To 20:00		7 hrs		Category/Rmks:		MIRU :			
From 20:00 To 22:00		2 hrs		Category/Rmks:		TIH :			
From 22:00 To 0:00		2 hrs		Category/Rmks:		Circulate :			
Date :		10/30/2008		Activity:		Perforate		Rig Name:	
								Days :11	
Daily Report Summary :		Well shut in overnight. SICP 1000 psi. Complete filling frac tanks. 1300 hrs SICP 1140 psi. MIRU Schlumberger Wireline. PU 12' 3 1/8 Perf Gun, 2 spf, 180 degree phasing. RIH. Correlate with OHL. Run correlation strip. Perforate 8978' to 8990'. SICP 1330 psi before perforating. After shooting, pressure dropped to 0 psi within 2 minutes. POH. Lay down tools. All shots fired. SICP 300 psi. RDMO Schlumberger Wireline. SDFN. Secure well. SICP 360 psi at 1700 hrs.							
Daily Report Detail:		Well shut in overnight. SICP 1000 psi. Complete filling frac tanks. 1300 hrs SICP 1140 psi. MIRU Schlumberger Wireline. PU 12' 3 1/8 Perf Gun, 2 spf, 180 degree phasing. RIH. Correlate with OHL. Run correlation strip. Perforate 8978' to 8990'. SICP 1330 psi before perforating. After shooting, pressure dropped to 0 psi within 2 minutes. POH. Lay down tools. All shots fired. SICP 300 psi. RDMO Schlumberger Wireline. SDFN. Secure well. SICP 360 psi at 1700 hrs.							
From 0:00 To 9:00		9 hrs		Category/Rmks:		SDFN :			
From 9:00 To 12:00		3 hrs		Category/Rmks:		Other :			
From 12:00 To 15:00		3 hrs		Category/Rmks:		MIRU :			
From 15:00 To 16:00		1 hrs		Category/Rmks:		Perf :			
From 16:00 To 17:00		1 hrs		Category/Rmks:		RD :			
From 17:00 To 0:00		7 hrs		Category/Rmks:		SDFN :			
Date :		10/31/2008		Activity:		Frac		Rig Name:	
								Days :12	
Daily Report Summary :		Well shut in overnight. SICP 1500 psi. MIRU BJ Services to frac well. Pressure test lines to 10,000K. Open well with 1630 psi. Fill hole with 8 bbls and break formation@6.3 bbl/min. Pump till pressure stabilized with 7% KCL water. SD pumps. ISIP 5917 psi. Frac gradient 1.11. 5 min 5883 psi. 10 min 5873 psi. 15 min 5864 psi. 12 of 27 perf holes were open. Commenced pumping Lightning 24 frac with BJ Services. Pumped 12 bbls of 15% HCL Acid and displaced with 245 bbls of 7% KCL water. Pumped Pad, 1, 2, 3 and 4ppg stages of SB Excel 16/30 proppant. Flushed with 195 bbls. ISIP 6050 psi. 5 min 5964 psi. SI well. Pumped 100364 lbs of proppant and Fluid pumped was 1791 bbls. RDMO BJ Services. Open well to flow with 5500 psi on 14/48 choke. Recovered 749 bbls by midnight with casing pressure of 1725 on 12/48 choke. Continued to flow well. LTR 1042 bbls.							
Daily Report Detail:		Well shut in overnight. SICP 1500 psi. MIRU BJ Services to frac well. Pressure test lines to 10,000K. Open well with 1630 psi. Fill hole with 8 bbls and break formation@6.3 bbl/min. Pump till pressure stabilized with 7% KCL water. SD pumps. ISIP 5917 psi. Frac gradient 1.11. 5 min 5883 psi. 10 min 5873 psi. 15 min 5864 psi. 12 of 27 perf holes were open. Commenced pumping Lightning 24 frac with BJ Services. Pumped 12 bbls of 15% HCL Acid and displaced with 245 bbls of 7% KCL water. Pumped Pad, 1, 2, 3 and 4ppg stages of SB Excel 16/30 proppant. Flushed with 195 bbls. ISIP 6050 psi. 5 min 5964 psi. SI well. Pumped 100364 lbs of proppant and Fluid pumped was 1791 bbls. RDMO BJ Services. Open well to flow with 5500 psi on 14/48 choke. Recovered 749 bbls by midnight with casing pressure of 1725 on 12/48 choke. Continued to flow well. LTR 1042 bbls							
From 0:00 To 7:00		7 hrs		Category/Rmks:		SDFN :			
From 7:00 To 12:00		5 hrs		Category/Rmks:		MIRU :			
From 12:00 To 14:00		2 hrs		Category/Rmks:		Frac :			
From 14:00 To 0:00		10 hrs		Category/Rmks:		Flow :			

Well Name : Federal 11-24							
Prospect:	Greentown				AFE #:	4172	
Sec/Twp/Rge:	11 / 22S / 16E				Operator:	a Petroleum Corpora	
API #:	43019315750000	Field:	Wildcat		Supervisor:	Arlin Fischer	
Work Type:	Completion	County, St.:	Grand, UT		Phone:		
Production Current/Expected	Oil:	0 / 0	Gas:	0 / 0	Water:	0 / 0	
Job Purpose : Drill and complete a Paradox salt wildcat well.							
Date :	11/1/2008	Activity:	Flow	Rig Name:		Days :	13
Daily Report Summary :		Well flowing overnight. Initial pressure 4600 psi on 12/48 choke. Final flowing pressure 0 psi on 48/48 choke. Final flow rate of 7 bbls/hour with 212,000 Chlorides. 817 bbls LTR. Recovered 564 bbls.					
Daily Report Detail:		Well flowing overnight. Initial pressure 4600 psi on 12/48 choke. Final flowing pressure 0 psi on 48/48 choke. Final flow rate of 7 bbls/hour with 212,000 Chlorides. 817 bbls LTR. Recovered 564 bbls.					
From 0:00 To 0:00	24 hrs	Category/Rmks:	Flow :				
Date :	11/2/2008	Activity:	Coil tubing	Rig Name:		Days :	14
Daily Report Summary :		Well flowing overnight on 48/48 choke. Casing pressure 0 psi. Flow rate averaging 6+ bbls/hr. Flow shows a trace of condensate, but no gas evident. 974 bbls recovered and 817 bbls LTR. MIRU HES coil unit to jet well. Pressure test coil. NU coil to 10K Frac valve. Jet coil dry to flow back tank. Start coil in the hole, pumping 300 scf of N2. RIH to 5000', continuing to jet well at a rate of 300 scf. Recovered 61 bbls of 10.2 lb water at this time. Moved coil between 4800 and 5000', continuing to pump N2. Well pressure began to decrease. Increased rate to 600 scf and rih to 7000' with no increase in flow. Increased N2 rate to 750scf and RIH to 9065'. No sand recovered in returns. No obstructions in the casing. Continued to recover fluid with no increase in pressure or fluid. SI backside. Commenced pumping KCL water and moved coil between 9020 and 8950'. Continued to pump while moving coil across the perfs. Allowed well pressure to build to 2000 psi. SD pumping KCL water and commenced pumping N2 at a rate 250 scf. Opened well on 48/48 choke and started out of the hole with coil, pumping 250 scf of N2. Continued flowing well while pulling out of the hole. Pulled into lubricator. RD from well head. Well continued to flow N2 and water. Once N2 quit flowing the well died. Left well open on 48/48 choke.					
Daily Report Detail:		Well flowing overnight on 48/48 choke. Casing pressure 0 psi. Flow rate averaging 6+ bbls/hr. Flow shows a trace of condensate, but no gas evident. 974 bbls recovered and 817 bbls LTR. MIRU HES coil unit to jet well. Pressure test coil. NU coil to 10K Frac valve. Jet coil dry to flow back tank. Start coil in the hole, pumping 300 scf of N2. RIH to 5000', continuing to jet well at a rate of 300 scf. Recovered 61 bbls of 10.2 lb water at this time. Moved coil between 4800 and 5000', continuing to pump N2. Well pressure began to decrease. Increased rate to 600 scf and rih to 7000' with no increase in flow. Increased N2 rate to 750scf and RIH to 9065'. No sand recovered in returns. No obstructions in the casing. Continued to recover fluid with no increase in pressure or fluid. SI backside. Commenced pumping KCL water and moved coil between 9020 and 8950'. Continued to pump while moving coil across the perfs. Allowed well pressure to build to 2000 psi. SD pumping KCL water and commenced pumping N2 at a rate 250 scf. Opened well on 48/48 choke and started out of the hole with coil, pumping 250 scf of N2. Continued flowing well while pulling out of the hole. Pulled into lubricator. RD from well head. Well continued to flow N2 and water. Once N2 quit flowing the well died. Left well open on 48/48 choke.					
From 0:00 To 10:00	10 hrs	Category/Rmks:	Flow :				
From 10:00 To 12:00	2 hrs	Category/Rmks:	MIRU :				
From 12:00 To 19:00	7 hrs	Category/Rmks:	Circulate :				
From 19:00 To 0:00	5 hrs	Category/Rmks:	Flow :				
Date :	11/3/2008	Activity:	Coiled tubing	Rig Name:		Days :	15
Daily Report Summary :		Fill csg with 42 bbls fresh water.					
Daily Report Detail:		Attempt to fill csg with 190 bbls fresh water. Pumped 42 bbls. Pressure up to 3500 psi. Pump went down. Rig down C/T, Pump, and N2.					
From 7:00 To 8:00	1 hrs	Category/Rmks:	Other : Fill csg with 42 bbls fresh water.				
From 8:00 To 10:00	2 hrs	Category/Rmks:	RD : Rig down Halliburton C/T unit, Pump, and N2 unit.				
Date :	11/4/2008	Activity:	Coil tubing	Rig Name:		Days :	16
Daily Report Summary :		Rig up C/T unit.					
Daily Report Detail:		Wait for CTS C/T and N2 pump to arrive location. Rig up C/T unit .					
From 7:00 To 13:00	6 hrs	Category/Rmks:	Other : Wait on C/T unit to arrive location.				
From 13:00 To 13:30	0.5 hrs	Category/Rmks:	SFTY MTG : Discuss days operation.				
From 13:30 To 17:00	3.5 hrs	Category/Rmks:	RU : Rig up Coil unit and fluid pump.				



Well Name : Federal 11-24									
Prospect:		Greentown				AFE #:		4172	
Sec/Twp/Rge:		11 / 22S / 16E				Operator:		a Petroleum Corpora	
API #:		43019315750000		Field:		Wildcat		Supervisor:	
Work Type:		Completion		County , St.:		Grand, UT		Phone:	
Production Current/Expected		Oil:		0 / 0		Gas:		0 / 0	
		Water:				0 / 0			
Job Purpose : Drill and complete a Paradox salt wildcat well.									
Date :		11/5/2008		Activity:		Coil tubing		Rig Name:	
								Days :17	
Daily Report Summary :		TIH Jet out 176 bbls salt water. Fill csg with 190 bbls fresh water. POOH. RD.							
Daily Report Detail:		TIH with Jet nozzle to 8990'. Jet Dry. Recover 176 bbls salt water. Fill csg with 190 bbls fresh water. POOH Rig down. Move to GTF #26-43D.							
From 7:00 To 7:30		0.5 hrs		Category/Rmks:		SFTY MTG : Discuss days operation.			
From 7:30 To 11:00		3.5 hrs		Category/Rmks:		TIH : Jet from 8990'. Recover 176 bbls SW. Fill csg with 190 bbls FW. POOH.			
From 11:00 To 12:00		1 hrs		Category/Rmks:		TOOH : POOH.			
From 12:00 To 13:00		1 hrs		Category/Rmks:		: RD			
Date :		11/6/2008		Activity:		Coil tubing		Rig Name:	
								Days :18	
Daily Report Summary :		Stand-by							
Daily Report Detail:		Stand-by							
Date :		11/7/2008		Activity:		TIHw/ pkr		Rig Name:	
								Days :19	
Daily Report Summary :		Rig up WO rig. TIH with 100 jts 2 7/8" 8rd tbg and Baker Pkr. SDFN							
Daily Report Detail:		RU WO rig. TIH with Baker Pkr and 100 jts 2 7/8" 8rd tbg. SDFN							
From 10:00 To 16:00		6 hrs		Category/Rmks:		MIRU : WO rig.			
From 16:00 To 17:30		1.5 hrs		Category/Rmks:		TIH : With Baker Pkr and 100 jts 2 3/8" 8rd tbg.			
From 17:30 To		0 hrs		Category/Rmks:		SDFN :			
Date :		11/8/2008		Activity:		TIHw/ pkr		Rig Name:	
								Days :20	
Daily Report Summary :		TIH to 4700'. Pkr set. Release Pkr. Unable to go down but can come up. POOH. Pkr Slips fouled up.							
Daily Report Detail:		TIH with new Pkr and set @ 9850' with 20K compression. Pressure up to 2000 psi on csg and hold.							
From 7:00 To 7:30		0.5 hrs		Category/Rmks:		SFTY MTG : Discuss days operations.			
From 7:30 To 8:30		1 hrs		Category/Rmks:		TIH : with Pkr. Set down @ 4700'+/-. Can come up but not go down.			
From 8:30 To 10:00		1.5 hrs		Category/Rmks:		: POOH with Pkr. Pkr sets either way.			
From 10:00 To		0 hrs		Category/Rmks:		Other : Order out new Pkr.			
Date :		11/9/2008		Activity:		Coil tubing		Rig Name:	
								Days :21	
Daily Report Summary :		TIH> Jet well dry. Pump 30000 scf N2 for N Dfitt test . Rig down							
Daily Report Detail:		Rig up C/T. TIH Jetting @ 250 scf/min to 5800'. Lose returns. POOH to 3800'. Regain returns. TIH jetting @ 500 scf/min to 6800'. Lose returns. POOH to 5000'. Regain returns. TIH jetting @ 1000 scf/min to 9050. Recover 56 bbls SW. POOH hold 1000 psi on choke. Rig down C/T. Rig up Halliburton gauges. Pump 30000 scf N2 @ 3600 psi. Shut in well for N Dfitt test.							
From 5:30 To 6:00		0.5 hrs		Category/Rmks:		SFTY MTG : Discuss days operations.			
From 6:00 To 7:30		1.5 hrs		Category/Rmks:		RU : Rig up C/t. Test to 5000 psi.			
From 7:30 To 13:30		6 hrs		Category/Rmks:		TIH : with Jet nozzle. Jet well with N2 to 9050'. Recover 56 bbls SW.			
From 13:30 To 15:00		1.5 hrs		Category/Rmks:		TOOH : Hold 1000 psi on choke whilr POOH.			
From 15:00 To 16:30		1.5 hrs		Category/Rmks:		RD : Rig down C/T unit.			
From 16:30 To 17:00		0.5 hrs		Category/Rmks:		Other : Rig up Halliburton gauges. Pump 30,000 scf N2 @ 3600psi. Shut well in 48 hrs for N Dfitt test.			
Date :		11/10/2008		Activity:		Test Well		Rig Name:	
								Days :22	
Daily Report Summary :		Well on test.							
Daily Report Detail:		Halliburton Dfit test.							
From 0:01 To 23:59		3.97 hr		Category/Rmks:		Test : Halliburton Dfit test			

Well Name : Federal 11-24							
Prospect:		Greentown			AFE #:		4172
Sec/Twp/Rge:		11 / 22S / 16E			Operator:		a Petroleum Corpora
API #:		43019315750000	Field:		Wildcat	Supervisor:	
Work Type:		Completion	County, St.:		Grand, UT	Phone:	
Production Current/Expected		Oil:	0 / 0	Gas:	0 / 0	Water:	0 / 0
Job Purpose : Drill and complete a Paradox salt wildcat well.							
Date :		11/11/2008	Activity:		TOOH w/ packer	Rig Name:	
Daily Report Summary :		POOH with tbg and pkr. Set BP. Perf. TIH with tbg and pkr. Swab back 42 bbls. SDFN					
Daily Report Detail:		Rig down Halliburton Dfit gauges. Blow tbg down to -0- psi. POOH with tbg and pkr. Rig up E/L. Set CIBP @ 8520'. Perforate @ 8353'-8354'. 3 spf, 120 deg phasing. TIH with 265 jts tbg and pkr. Set Pkr @ 8338'. Swab back 42 bbls SW. SDFN.					
From 0:01 To 7:00	6.98 hrs	Category/Rmks: Test : Halliburton Dfit test.					
From 7:00 To 9:00	2 hrs	Category/Rmks: Blow down : Bleed N2 off tbg.					
From 9:00 To 10:00	2 hrs	Category/Rmks: TOOH : Tbg and Baker Pkr.					
From 10:00 To 13:00	3 hrs	Category/Rmks: Other : Wait on E/L.					
From 13:00 To 14:00	1 hrs	Category/Rmks: RU : Perf-0-Log .					
From 14:00 To 15:00	1 hrs	Category/Rmks: RIH : Set CIBP @ 8520'. POOH					
From 15:00 To 16:30	1.5 hrs	Category/Rmks: RIH : Run strip for correlation off CBL. Perf 8353'-8354' 3 sff, 120 deg phasing. POOH					
From 16:30 To 18:30	2 hrs	Category/Rmks: TIH : with 265 jts tbg and pkr. Set Pkr @ 8338'.					
From 18:30 To 20:00	1.5 hrs	Category/Rmks: Swab : back 42 bbls SW.					
From 20:00 To	0 hrs	Category/Rmks: SDFN :					
Date :		11/12/2008	Activity:		Breakdown	Rig Name:	
Daily Report Summary :		Pump diesel for Halliburton Dfit test.					
Daily Report Detail:		Rig up Halliburton. Pressure up on cag to 2000 psi. Fill tbg with 47 bbls diesel. Pump 1500 gal diesel into formation. Pressure brokeback @ 8500 psi. ISIP @ 6000 psi. Shut well in for 24 hrs for Dfit test.					
From 7:00 To 9:00	2 hrs	Category/Rmks: MIRU : Halliburton.					
From 9:00 To 12:30	3.5 hrs	Category/Rmks: Breakdown : Test lines to 10000 psi. Pressure up on csg to 2000 psi. Fill tbg w/ 47 bbls Diesel. Pump 1500 gal Diesel into formation. Brokeback @ 8500 psi. ISIP-6000 psi.					
From 12:30 To 13:00	0.5 hrs	Category/Rmks: Other : Shut in well for Dfit test.					
From 13:00 To 13:30	0.5 hrs	Category/Rmks: RD : Halliburton pump lines.					
From 13:30 To 23:59	0.48 hrs	Category/Rmks: Test : Halliburton Dfit test.					
Date :		11/13/2008	Activity:		POOH w/Pkr	Rig Name:	
Daily Report Summary :		Dfit test. POOH with Pkr.					
Daily Report Detail:		Complete Halliburton Dfit test. POOH with tbg & Pkr. Laying down tbg.					
From 0:01 To 12:30	2.48 hrs	Category/Rmks: Test : Halliburton Dfit test.					
From 12:30 To 13:00	0.5 hrs	Category/Rmks: Other : Pull Halliburton gauges.					
From 13:00 To 14:00	1 hrs	Category/Rmks: Blow down : Bleed tbg and csg to -0- psi.					
From 14:00 To 16:00	2 hrs	Category/Rmks: Other : Release PKR. Displace 158 bbls diesel with N2.					
From 16:00 To 20:00	4 hrs	Category/Rmks: TOOH : with tbg and pkr. Laying down tbg.					
Date :		11/14/2008	Activity:		Wash out fill w/tbg	Rig Name:	
Daily Report Summary :		E/L work. RU TIH wit T=tbg and Bit. Clean out to 8520' POOH.					
Daily Report Detail:		MIRU Perf-O-Log. RIH with Gamma Ray tool Tag @ 8123'. 230' high. Unable to break thru. POOH. RD. RU and TIH with Tbg and 4 1/2" Bit. Tag @ 8124'. Wash and mill to 8520'(CIBP). Circulate clean. POOH					
From 7:00 To 8:00	1 hrs	Category/Rmks: MIRU : Rig up Perf-o-Log.					
From 8:00 To 8:30	0.5 hrs	Category/Rmks: RIH : RIH to 300'. POOH.					
From 8:30 To 10:00	1.5 hrs	Category/Rmks: Other : Wait for Gamma Ray tool.					
From 10:00 To 12:00	2 hrs	Category/Rmks: RIH : with Gamma Ray tool. Tag @ 8123". 230' high. Small cmt, shale, mud, and codbensate samples on GR tool.					
From 12:00 To 12:30	0.5 hrs	Category/Rmks: RD : Perf-O-Log.					
From 12:30 To 23:59	1.48 hrs	Category/Rmks: TIH : Move pipe racks and pipe in position. Rig up Cal-Frac. Run 258 jts tbg and 4 1/2" bit. Tag bridge @ 8124'. Wash and mill to 8520' (CIBP). Circulate clean.					

Well Name : Federal 11-24							
Prospect:		Greentown			AFE #:		4172
Sec/Twp/Rge:		11 / 22S / 16E			Operator:		a Petroleum Corpora
API #:		43019315750000	Field:		Wildcat	Supervisor:	
Work Type:		Completion	County , St.:		Grand, UT	Phone:	
Production Current/Expected		Oil:	0 / 0	Gas:	0 / 0	Water:	
Job Purpose :		Drill and complete a Paradox salt wildcat well.					
Date :		11/15/2008	Activity:		Frac	Rig Name:	
Daily Report Summary :		POOH with tbg and Bit. Perforate. MIRU Halliburton to Frac.					
Daily Report Detail:		POOH to 6500' Circulate out SW with N2. POOH with Bit. Rig up and perforate 8354'-8359', 8341'-45' with 4000 psi N2 On csg. Lost 100 psi after perforating. POOH with E/L and RD. MIRU Halliburto to Frac.					
From 0:01 To 0:30		0.48 hr	Category/Rmks:		TOOH : POOH to 6500'.		
From 0:30 To 3:00		2.5 hrs	Category/Rmks:		Circulate : RU N2 and circulate KCL out.		
From 3:00 To 5:00		2 hrs	Category/Rmks:		TOOH : POOH.Standing tbg in derrick.		
From 5:00 To 7:00		2 hrs	Category/Rmks:		Other : Chane out pipe rams for blind rams. Install 7 1/16" 10M Frac Valve.		
From 7:00 To 8:00		1 hrs	Category/Rmks:		Test : Test B.O.P.'s and Frac Valve to 9800 psi.		
From 8:00 To 9:00		1 hrs	Category/Rmks:		RU : Perf-O-Log.		
From 9:00 To 11:00		2 hrs	Category/Rmks:		RIH : with GR and correlate with CBL. Pressure csg to 4000 psi with N2. Perforate 8354'-8359' and 8341'-8345'. Lost 100 psi. POOH.		
From 11:00 To 12:00		1 hrs	Category/Rmks:		RD : RD E/L. Fired gun had sample of shale on it.		
From 12:00 To 13:00		1 hrs	Category/Rmks:		RU : Move pipe racks.		
From 13:00 To 17:00		4 hrs	Category/Rmks:		MIRU : Halliburton to frac well.		
Date :		11/16/2008	Activity:		Frac	Rig Name:	
Daily Report Summary :		Tight Hole. Work on well.					
Daily Report Detail:		Tight hole. Halliburton frac. Flowback.					
From 7:00 To 12:00		5 hrs	Category/Rmks:		Frac : Halliburton frac well.		
From 12:00 To 23:59		1.98 h	Category/Rmks:		Flow : Flowback thru Fesco equipment.		
Date :		11/17/2008	Activity:		Flow to tank	Rig Name:	
Daily Report Summary :		Flow well.					
Daily Report Detail:		Flow well.					
From 0:01 To 23:59		3.97 h	Category/Rmks:		Flow :		
Date :		11/18/2008	Activity:		TIH w/Bit and Scraper	Rig Name:	
Daily Report Summary :		Clean out well to 8520'.					
Daily Report Detail:		TIH with Bit & Scraper. Tag @ 8520'. Wash and mill to 8520'. Circulate clean. POOH to 8300'. SDFN					
From 0:01 To 7:00		5.98 hr	Category/Rmks:		Flow :		
From 7:00 To 18:00		11 hrs	Category/Rmks:		TIH : With Bit and Scraper to 8520'.		
From 18:00 To		0 hrs	Category/Rmks:		SDFN :		
Date :		11/19/2008	Activity:		Run pkr	Rig Name:	
Daily Report Summary :		Set Pkr. Run Tbg.					
Daily Report Detail:		Wash to 8520' No fill. POOH with tbg. RIH wit Pkr on E/L. Set @ 8235'. POOH. TIH with tbg. Latch Pkr. Test Csg to 1000 psi. Pump out plug. Flow well.					
From 7:00 To 11:00		4 hrs	Category/Rmks:		Circulate : TIH to 8520'. Circulate clean. No fill. POOH with tbg.		
From 11:00 To 14:00		3 hrs	Category/Rmks:		RIH : with E/L. Set Pkr @ 8235' POOH.		
From 14:00 To 17:00		3 hrs	Category/Rmks:		TIH : with tbg and Baker On/Off tool.Latch Pkr. Test csg to 1000 psi. Pump out plug.		
From 17:00 To 23:59		5.98 hr	Category/Rmks:		Flow : Flow well to tank.		
Date :		11/20/2008	Activity:		E/L work	Rig Name:	
Daily Report Summary :		E/L work.					
Daily Report Detail:		-Well did not flow. Rig up E/L. RIH. Tag @ 8290'. POOH. RD					
From 0:01 To 12:00		1.98 h	Category/Rmks:		Flow : Well not flowing.		
From 12:00 To 13:00		1 hrs	Category/Rmks:		RU : Rig up E/L.		
From 13:00 To 16:00		3 hrs	Category/Rmks:		RIH : Run in hole with 1.68: CCI. Tag @ 8290'. POOH.		
From 16:00 To 17:00		1 hrs	Category/Rmks:		RD : E/L Depart location.		

Well Name : Federal 11-24							
Prospect:		Greentown			AFE #:		4172
Sec/Twp/Rge:		11 / 22S / 16E			Operator:		a Petroleum Corpora
API #:		43019315750000	Field:		Wildcat	Supervisor:	
Work Type:		Completion	County , St.:		Grand, UT	Phone:	
Production Current/Expected		Oil:	0 / 0	Gas:	0 / 0	Water:	0 / 0
Job Purpose : Drill and complete a Paradox salt wildcat well.							
Date :		11/21/2008	Activity:		Coil tubing	Rig Name:	
Daily Report Summary :		C/T work.					
Daily Report Detail:		TIH to 8290' pumping fresh water @ .25 bpm. Start N2 @ 500 scfm and FW @ 1 bpm. POOH to 8190'. TIH to 8300'. Pump pressure going up. Lose returns. POOH to 8274' Pipe stuck. Work pipe free.					
From 7:00 To 10:30		3.5 hrs	Category/Rmks: MIRU : Coil tubing unit, N2 pump and fluid pump.				
From 10:30 To 23:59		3.48 h	Category/Rmks: TIH : Wash to 8300'.				
Date :		11/22/2008	Activity:		Coil tubing	Rig Name:	
Daily Report Summary :		C/T work.					
Daily Report Detail:		PooH to 7650' Circulate til clean. TIH circulating with N2 only. Tag @ 8398'. POOH. Pipe stuck. Work pipe free after 4 hrs. POOH. RD.					
From 0:01 To 7:00		5.98 hr	Category/Rmks: Other : Wash to 8389'.				
From 7:00 To 9:00		2 hrs	Category/Rmks: RD : C/T unit.				
Date :		11/24/2008	Activity:		Coil tubing	Rig Name:	
Daily Report Summary :		Well open to tank.					
Daily Report Detail:		-Line up 1 1/4" C/T unit.					
From 0:01 To 23:59		3.97 h	Category/Rmks: Flow : Well open to tank.				
Date :		11/25/2008	Activity:		Coil tubing	Rig Name:	
Daily Report Summary :		C/T work.					
Daily Report Detail:		MIRU 1 1/4" C/T unit, N2 pump, and Fluid pump. TIH pumping @ 1/4 bpm to 8251'. Up pump to 1.25 bpm. TIH. Tag @ 8272'. Wash to 8392'. POOH to 8200' TIH to 8356' Coming N2 @ 500 scfm and FW @ 1/2 bpm. Unable to make any hole. POOH. nPump 25 bbls FW into formation. SDFN.					
From 7:00 To 21:00		14 hrs	Category/Rmks: Other : Wash to 8356'				
Date :		11/26/2008	Activity:		Coil tubing	Rig Name:	
Daily Report Summary :		C/T work.					
Daily Report Detail:		-TIH with 1 11/16 MM and 1.75" mill. Wash and mill to 8518'. Circulate clean. POOH. Pump 50 bbls FW into formation @ 1 bpm and 4900 psi. RD C/T unit and all related equipment. Depart location.					
From 7:00 To 21:00		14 hrs	Category/Rmks: Other : Wash and mill to 8518' POOH. Pump 50 bbls FW into formation.				
From 21:00 To 23:00		2 hrs	Category/Rmks: RD : C/T unit.				
Date :		12/2/2008	Activity:		Breakdown	Rig Name:	
Daily Report Summary :		Pump 1000 bbls FW.					
Daily Report Detail:		MIRU CalFrac. Test line to 10000 psi. Pump 1000 bbls Fw down tbg @ 5.5 bpm and 6400 psi. ISIP - 5293 psi. 5 min - 5281 psi 10 min - 5257 psi 15 min - 5233 psi Rig down CalFrac. Depart location. Open well to tank.					
From 8:00 To 12:30		4.5 hrs	Category/Rmks: Breakdown : Pump 1000 bbls FW down tbg into formation.				
Date :		12/12/2008	Activity:		POOH w/ Pkr	Rig Name:	
Daily Report Summary :		Work to release Pkr. Unable to do so. SDFN.					
Daily Report Detail:		MIRU Key WO Rig # 62. Attempt to release Baker "Hornet" Pkr. Can release off of On/Off tool but cannot release Pkr. Leave 20K down and 2000# torque on Pkr. SWFN					
From 7:00 To 9:00		2 hrs	Category/Rmks: MIRU : Key WO Rig # 62				
From 9:00 To 11:00		2 hrs	Category/Rmks: Blow down : Csg = 700 psi. Tbg 6000 psi. Bleed csg to -0- psi. Pressure up to 3000 psi to open TIW valve on tbg. Bleed tbg to -0- psi.				
From 11:00 To 12:30		1.5 hrs	Category/Rmks: Other : Release On/Off tool. Let csg and tbg equalize. Work to release Pkr.				
From 12:30 To 17:30		5 hrs	Category/Rmks: Other : RU Power Swivel. Work pipe with 2000# torque. Unable to get Pkr to release. Set 20K down and 2000# torque on tbg.				
From 17:30 To		0 hrs	Category/Rmks: SDFN :				

Well Name : Federal 11-24							
Prospect:		Greentown			AFE #:		4172
Sec/Twp/Rge:		11 / 22S / 16E			Operator:		Arco Petroleum Corporation
API #:		43019315750000	Field:		Wildcat	Supervisor:	
Work Type:		Completion	County, St.:		Grand, UT	Phone:	
Production Current/Expected		Oil:	0 / 0	Gas:	0 / 0	Water:	0 / 0
Job Purpose : Drill and complete a Paradox salt wildcat well.							
Date :	12/13/2008	Activity:		POOH w/ Pkr	Rig Name:	Days :55	
Daily Report Summary :		Attempt to release Pkr. Rotate off ON/Off tool. Pump 10' sand on Pkr. POOH TIH. Set BP @ 8223'. Circulate diesel. Around. SWFN.					
Daily Report Detail:		Bleed 250 psi off tbg. Work to release Pkr. Unable to do so. Release On/Off tool. Pump 120 lbs sand (10') on top of Pkr. TOS @ 8225' POOH with On/Off tool. Tih with Baker BP. Set @ 8223'. Pick up 70' to 8153' Reverse circulate 170 bbls diesel around. Leave 70' water on top of BP. SDFN					
From 7:00 To 7:30	0.5 hrs	Category/Rmks:		SFTY MTG : Discuss days operations.			
From 7:30 To 8:30	1 hrs	Category/Rmks:		Other : Tbg @ 350 psi. Csg @ -0- psi. Bleed tbg to -0- psi.			
From 8:30 To 10:00	1.5 hrs	Category/Rmks:		Other : Work pipe to release Pkr. Unable to release Pkr. Release On/Off tool. Pump 2 sks sand down tbg. 10' sand on Pkr.			
From 10:00 To 12:30	2.5 hrs	Category/Rmks:		TOOH : POOH with Baker "L" On/Off tool.			
From 12:30 To 13:00	0.5 hrs	Category/Rmks:		Other : Make up Setting tool and Baker CIBP for 5 1/2" 23# csg.			
From 13:00 To 16:00	3 hrs	Category/Rmks:		TIH : TIH with Baker CIBP. Set @ 8223'+/- . POOH 70'. Leave 70' water on top of BP.			
From 16:00 To 17:30	1.5 hrs	Category/Rmks:		Circulate : Reverse circulate clean diesel around. Pump 170 bbls.			
From 17:30 To	0 hrs	Category/Rmks:		SDFN :			
Date :	12/14/2008	Activity:		Perforate	Rig Name:	Days :56	
Daily Report Summary :		POOH with Setting tool. RIH. Dump 20' cmt on BP @ 8217'. RIH and perforate.					
Daily Report Detail:		Rig crew quit during the night except for Rig Operator. Wait for new crew. POOH with tbg and Setting tool. RU Perf-O-Log E/L. Rih and dump 20' cmt on BP @ 8217'. POOH. RIH. Pressure up to 2000 psi. Perforate 8135'-8136'. Lost 200 psi. POOH. RD. SWFN					
From 7:00 To 12:30	5.5 hrs	Category/Rmks:		Other : Rig crew quit during the night. Wait for new crew to arrive location. Rig operator only one left.			
From 12:30 To 14:30	2 hrs	Category/Rmks:		TOOH : POOH with BP Setting tool.			
From 14:30 To 15:00	0.5 hrs	Category/Rmks:		RU : Rig up E/L.			
From 15:00 To 16:30	1.5 hrs	Category/Rmks:		RIH : RIH with 3 1/2" X 20' Dump Bailer. Dump 20' Class G cmt on top of BP @ 8217'. POOH.			
From 16:30 To 16:30	0.5 hrs	Category/Rmks:		Other : Lay down Bailer. Make up GR/CCL.			
From 16:30 To 17:30	1 hrs	Category/Rmks:		RIH : Log up from 8180' to 8000' for correlation.POOH.			
From 17:30 To 18:00	0.5 hrs	Category/Rmks:		Other : Lay down GR. Make up Perforator.			
From 18:00 To 18:30	0.5 hrs	Category/Rmks:		RIH : Pressure up to 2000 psi on csg. Log on depth. Perforate 8135'-8136'. Lost 200 psi to 1800 psi. POOH			
From 18:30 To 19:00	0.5 hrs	Category/Rmks:		RD : Rig down Perf-O-Log E/L.SWFN			
From 19:00 To	0 hrs	Category/Rmks:		SDFN :			
Date :	12/15/2008	Activity:		TIHw/ pkr	Rig Name:	Days :57	
Daily Report Summary :		TIH and set Pkr @ 8080'. Unable to pump in for Dfit test @ 9800 psi. RD Halliburton.					
Daily Report Detail:		Make up Baker Pkr. TIH and set @ 8080'. Test csg to 2000 psi. Leave 2000 psi on csg for Dfit test. RD WO unit. RU Halliburton. Pump Dfit test. Unable to pump in @ 9800 psi. Shut down Halliburton. RD Halliburton. SWFN					
From 7:00 To 7:30	0.5 hrs	Category/Rmks:		SFTY MTG : Discuss days operations.			
From 7:30 To 8:00	0.5 hrs	Category/Rmks:		Other : Make up Baker "Hornet" Pkr.			
From 8:00 To 10:30	2.5 hrs	Category/Rmks:		TIH : TIH with Baker "Hornet" Pkr. Set @ 8080' with 30K compression. Test Csg to 2000 psi. Leave 2000 psi on csg.			
From 10:30 To 12:00	1.5 hrs	Category/Rmks:		RD : Rig down Key WO rig #62. Depart location for GTF #26-43D.			
From 12:00 To 14:00	2 hrs	Category/Rmks:		RU : Rig up Halliburton to Pump Dfit test.			
From 14:00 To 15:00	1 hrs	Category/Rmks:		Other : Unable to pump into formation @ 9800 psi.			
From 15:00 To 17:00	2 hrs	Category/Rmks:		RD : Halliburton. Order out CTS Coil Tunibg unit.			
Date :	12/16/2008	Activity:		Wait on equipment	Rig Name:	Days :58	
Daily Report Summary :							
Daily Report Detail:		Stand-by for C/T unit.					

Well Name : Federal 11-24									
Prospect:		Greentown				AFE #:		4172	
Sec/Twp/Rge:		11 / 22S / 16E				Operator:		a Petroleum Corpora	
API #:		43019315750000		Field:		Wildcat		Supervisor:	
Work Type:		Completion		County , St.:		Grand, UT		Phone:	
Production Current/Expected		Oil:		0 / 0		Gas:		0 / 0	
		Water:				0 / 0			
Job Purpose : Drill and complete a Paradox salt wildcat well.									
Date :		12/17/2008		Activity:		Coil tubing		Rig Name:	
								Days :59	
Daily Report Summary :									
Daily Report Detail:									
Date :		12/18/2008		Activity:		POOH w/tbg & pkr		Rig Name:	
								Days :60	
Daily Report Summary :									
Daily Report Detail:									
MIRU Key Rig #62. Bleed tbg and csg to -0- psi. Release Pkr. POOH. Lay down pkr. SWFN									
From 11:30 To 14:30		3 hrs		Category/Rmks:		MIRU : Rig up Key WO Rig #62. Tbg@ 3800 psi, Csg @ 2000 psi. Bleed both to -0- psi.			
From 14:30 To 15:00		0.5 hrs		Category/Rmks:		Other : Release Baker Retrievmatic Pkr.			
From 15:00 To 17:30		2.5 hrs		Category/Rmks:		TOOH : Stand back 256 jts 2 7/8" 6.5" 8rd tbg. Lay down 1 jt and Baker Pkr. SWFN			
From 17:30 To		0 hrs		Category/Rmks:		SDFN :			
Date :		12/19/2008		Activity:		TIHw/ pkr		Rig Name:	
								Days :61	
Daily Report Summary :									
Daily Report Detail:									
Perforat 8142'-8143'. Pump into formation. TIH with Pkr and set @ 8080'. Attempt to pump into formation. Pump pressure goes to 10000. Bleeds back to 9000 psi slowly.									
-RU E/L. RIH. Pressure up to 2000 psi. Perforate 8142'-8143'. No change @ surface. POOH. RD E/L. Pump into formation @ 8000 psi. Broke back to 7800 psi. Pump 10 bbls diesel. Pump @ 8600 psi and 1/2 bpm. Broke back to 8100 psi. Shut down pump. TIH with Baker Retrievmatic Pkr. Set @ 8080'+/. Test csg to 2000 psi. Shut in backside with 2000 psi. Pump into formation. Pump pressure up to 10000 psi. Shut down pump. Pressure down to 9000 psi. Pressure up several times and let bleed down to 9000 psi. Start pumping I .25 bpm @ 8700 psi. Pump 12 bbls diesel. Shut down pump. Bleed tbg down slowly to 5000 psi. Shut in well. RD pump and WO rig.									
From 8:00 To 9:00		1 hrs		Category/Rmks:		RU : Rig up E/L.			
From 9:00 To 9:30		0.5 hrs		Category/Rmks:		RIH : with 3 1/8", expendable, Hollow Carrier, 3spf, 120 deg Phasing Perforating gun. Log on depth.Pressure up to 2000 psi. Perforate 8142'-8143'. No change @ surface.			
From 9:30 To 10:00		0.5 hrs		Category/Rmks:		TOOH : Lay down fird gun.			
From 10:00 To 11:00		1 hrs		Category/Rmks:		Breakdown : Pump into formation @ 8000 psi. Broke back to 7800 psi. Pump 6 bbls diesel. Pump up to 8600 psi. Broke back to 8100 psi. Pump 4 bbls. Shut down pump. Bleed to -0- psi. RD E/L.			
From 11:00 To 11:30		0.5 hrs		Category/Rmks:		Other : Make up Bake Retrievmatic Pkr.			
From 11:30 To 14:30		3 hrs		Category/Rmks:		TIH : Set Pkr @ 8080' with 25K compression down.			
From 14:30 To 15:00		0.5 hrs		Category/Rmks:		Test : Pressure up on csg to 2000 psi. Shut in Backside.			
From 15:00 To 17:30		2.5 hrs		Category/Rmks:		Breakdown : Pump into formation. Pressure up to 10000 psi. Shut down pump. Pressure down to 9000 psi. Do this several times. Start pumping in .25 bpm @ 8700 psi. Pump 12 bbls diesel. Shut down pump. Trap 5000 psi on tbg.SWFN. Rig down pump and rig.			
From 17:30 To		0 hrs		Category/Rmks:		SDFN :			
Casing									
DateIn	Setting Depth	Jts Run	Type	Size	Weight	Grade	MINID	HoleDiam	TD
8/19/2008	2062.1	49	3. Surface	13.375	54.5	J-55	12.615	17.5	2067
Stage: 1, Spacer, 20, 0, GELLED WATER									
FRESH WATER, , 0, 0									
Stage: 1, Spacer, 10, 0, WATER SPACER									
WATER SPACER, , 0, 0									
Stage: 1, Lead, 0, 735, PRB-2-SBM, , 2.95, 11.5									
Stage: 1, Tail, 0, 410, PBR-2-SBM, , 1.81, 13.5									
Stage: 1, Displacement, 312, 0, FRESH WATER, , 0, 0									
9/21/2008	6082.49	141	4. Intermediate	9.625	43.5		0	12.25	6082
Stage: 1, Spacer, 40, 0, BARITE, FRESH WATER									

Well Name : Federal 11-24									
Prospect:		Greentown				AFE #:		4172	
Sec/Twp/Rge:		11 / 22S / 16E				Operator:		a Petroleum Corpora	
API #:		43019315750000		Field:		Wildcat		Supervisor: Arlin Fischer	
Work Type:		Completion		County , St.:		Grand, UT		Phone:	
Production Current/Expected		Oil:		0 / 0		Gas:		0 / 0	
						Water:		0 / 0	
Job Purpose : Drill and complete a Paradox salt wildcat well.									
RITE & FRESH WATER, , 0, 0									
Stage: 1, Lead, 0, 755, , Lightweight, 2.21, 12.5									
Stage: 1, Tail, 0, 875, , Class G, 1.18, 15.8									
Stage: 1, Displacement, 450, 0, INVERT/WATER, , 0, 0									
10/13/2008	9931.569	213	5. Production	5.5	23	P-110	0	8.5	9932
Stage: 1, Spacer, 40, 0, Tuned Spacer 111, , 0, 0									
Stage: 1, Lead, 0, 1100, .4%halad413.4%halad34410%salt.2%cfr-3,6%chem-welllife,1%D-air,.3%hr5,.2%super cbl,, Class G, 1.29, 15.3									
Stage: 1, Displacement, 210, 0, Invert mud, , 0, 0									
Perforation									
Date:	Formation	Perf Status	Upper Perf	Lower Perf	Sht / Ft	Description:			
10/23/2008	"O" zone clastics	Open	8977	8978	3				
10/30/2008	Paradox Salt	Open	8978	8990	2	1330 psi on well when shot			



**State of Utah**

**Department of  
Natural Resources**

MICHAEL R. STYLER  
*Executive Director*

**Division of  
Oil, Gas & Mining**

JOHN R. BAZA  
*Division Director*

JON M. HUNTSMAN, JR.  
*Governor*

GARY R. HERBERT  
*Lieutenant Governor*

Certified Mail No.: 7004 1160 0003 0190 2761

March 30, 2009

Delta Petroleum Corp.  
370 17<sup>th</sup> ST STE 4300  
Denver, CO 80202

RE: Resolution of Outstanding Compliance: Greentown Project Area, Grand  
County Utah.

43 019 315 75  
225 16E 11

Gentlemen:

On March 24, 2009 the Division of Oil, Gas and Mining and the Moab BLM participated in a field tour of Delta Petroleum Corp's Greentown Project area with representative William Monroe. The intent of these inspections was to identify outstanding compliance issues and develop a mutually accepted schedule for resolution. It was determined reclamation of pits on the following wells should be the first major compliance issues addressed:

- Greentown State 31-362216
- Federal 28-11
- Federal 11-24
- Greentown State 36-24H
- Greentown Federal 33-12

Mr. Monroe provided a spreadsheet titled "Greentown Regulatory and Field Spreadsheet-Action Items." Both the Division and the BLM were pleased to see correspondence from meetings on January 26, 2009 had been tracked and maintained through recent personal changes. This spreadsheet ranks Solidification Priority in the Pit Status column based on January correspondence, the priority remains unchanged at inspection. The following should be completed leading up to reclamation:

Greentown State 31-362216

- Reserve pit content sample for Salinity and Hydrocarbon content
- Submit Sundry to UDOGM

Federal 29-11

- Reserve pit content sample for Salinity and Hydrocarbon content
- Submit Sundry to Moab BLM



Page 2  
March 30, 2009  
Subject:

Federal 11-24

- Reserve pit content sample for Salinity and Hydrocarbon content
- Submit Sundry to Moab BLM

Greentown State 36-24H

- Sundry has been submitted and approved

Greentown Federal 33-12

- Remove material from cuttings pit, haul to authorized disposal site

Response should be directed to:

Division of Oil, Gas & Mining  
1594 West North Temple, Suite 1210  
PO Box 145801  
Salt Lake City, UT 84114-5801

Bureau of Land Management  
Moab Field Office  
82 East Dogwood  
Moab, UT 84532

The Division recognizes Delta Petroleum Corp's continued efforts to bring the Greentown Project back into compliance with State and Federal regulations. Clean up of the former Harrison Pit, and removal of materials from frac tanks at that site as well as the Greentown State 36-11 and Greentown State 36-24H reveal the company's current efforts to resolve outstanding compliance issues. The Division welcomes correspondence as Delta Petroleum Corp works towards resolving the remaining compliances items.

If you have questions feel free to contact me at (435) 820-0862

Sincerely



Bart Kettle  
Petroleum Operations Specialist

Cc: Dan Jarvis, DOGM  
Clint Dworshak, DOGM  
LaVonne Garrison, SITLA  
Benjamin Kniola, Moab BLM  
William Monroe, Delta Petroleum Corp.  
Brian Macke, Delta Petroleum Corp.  
Wells Files

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

5. Lease Serial No.  
UTU-82153

6. If Indian, Allottee or Tribe Name  
NA

**SUBMIT IN TRIPLICATE – Other instructions on page 2.**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator  
Delta Petroleum Corporation

3a. Address  
370 17th St., Suite 4300 - Denver, CO 80202

3b. Phone No. (include area code)  
(303) 820-0144

7. If Unit of CA/Agreement, Name and/or No.  
NA

8. Well Name and No.  
Federal 11-24

9. API Well No.  
4301931575

10. Field and Pool or Exploratory Area  
Wildcat

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

665 FSL & 1997 FWL Sec. 11 T22S R16E

11. Country or Parish, State  
Grand County, Utah

**12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other Pit Closure
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

Delta would like to start the pit solidification and colsure the week of May 4, 2009. It is hoped that some scheduling adjustment can be made and the work started sooner. If so teh BLM and UDOGM representatives will be notified in advance of the change.

The pit will be closed by Earthworks, Inc. of Riverton, Wyoming using solidification technology methods. (See attached.)

The remediation plan is designed to ensure that the pit waste, and other waste on location that is appropriate for solidification remediation, will be physically immobile and chemically stable after the processing. The waste will be properly treated to meet or exceed the following performance criteria.

1. Leachable Oil and Grease less than 10 mg/L.

2. Leachable Total Dissolved Solids less than 5,000 mg/L. If greater than 5,000 mg/L, then sodium (Na) will be less than or equal to 2,000 mg/L.

Composite samples of the solidified waste will be sent to an outside laboratory for independent performance testing. The lab results will be included in a project report and submitted under a Sundry Notice cover upon completion of the work. Preliminary soil samples have been taken and the results are attached.

**Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY**

14. I hereby certify that the foregoing is true and correct.

Name (Printed/Typed)

Cheryl Johnson

Title Regulatory Tech

Signature

*Cheryl Johnson*

Date 04/13/2009

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

**RECEIVED**

**APR 20 2009**

**DIV. OF OIL, GAS & MINING**

# **Delta Petroleum Corporation**

## **Drilling Pit Solidification and Pit Closure Plan**

### **Federal 11-24**

This project is a standard oil base drill cuttings and mud reserve pit and contains approximately 17,629 BBLs of oil based drill cuttings & mud.

The reserve pit does have adequate freeboard at this time to achieve final cover of 3' of original soils to facilitate seeding and sustained growth of native vegetation.

Earthworks, Inc will mobilize onto location and do a survey of entire location to determine if any other environmental issues exist.

Any waste found on location that is appropriate for solidification remediation will then be gathered up and placed into reserve pit to be treated.

Fencing will be pulled and stockpiled and at end of job taken to Delta Petroleum stock yard.

At this time reagents will be added to the reserve pit starting in northwest corner of reserve pit.

Reagents will be added in predetermined amounts to facilitate one days worth of work. This project will result in approximately 8 to 10 sections being treated, one each day.

When proper amount of reagent has been added, the mixing of drill waste will commence with excavator. When proper mix is achieved the bottom, ends, and corners will be double checked for consistency. During this phase of the mixing process the pit liner will be breached in various places. When entire area has been adequately treated that area will be covered with native soil. This cover of treated material will occur on a daily basis as each section is completed. Native soil will be gathered from the Northeast corners of location. This area will be brought back into location following contour lines of original ground and shrinking the footprint of location at the same time.

As per standard operating procedure samples will be pulled on daily basis and composite samples sent to outside laboratory for independent testing for compliance of regulatory criteria.

At the finish of project the reserve pit area will be covered with native soil to at least existing pad grade.



ENVIRONMENTAL  
SCIENCE CORP.

12065 Lebanon Rd.  
Mt. Juliet, TN 37122  
(615) 758-5858  
1-800-767-5859  
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

Ken Kreie  
Cordilleran Compliance - GJ, CO  
826 21 1/2 Road

Grand Junction, CO 81505

Report Summary

Monday April 06, 2009

Report Number: L395104

Samples Received: 03/30/09

Client Project:

Description: Federal 11-24 Pit

The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.

Entire Report Reviewed By:

John D. Blackman, ESC Representative

*Laboratory Certification Numbers*

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - I-2327, CT - PH-0197, FL - E87487  
GA - 923, IN - C-TN-01, KY - 90010, KYUST - 0016, NC - ENV375, DW21704, ND - R-140  
NJ - TN002, SC - 84004, TN - 2006, VA - 00109, WV - 233  
AZ - 0612, MN - 047-999-395, NY - 11742, WI - 998093910

Accreditation is only applicable to the test methods specified on each scope of accreditation held by ESC Lab Sciences.

This report may not be reproduced, except in full, without written approval from Environmental Science Corp.  
Where applicable, sampling conducted by ESC is performed per guidance provided  
in laboratory standard operating procedures: 060302, 060303, and 060304.

1 Samples Reported: 04/06/09 10:29 Printed: 04/06/09 10:30

Page 1 of 7



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REPORT OF ANALYSIS

Ken Kreie  
Cordilleran Compliance - GJ, CO  
826 21 1/2 Road  
Grand Junction, CO 81505

April 06, 2009

Date Received : March 30, 2009  
Description : Federal 11-24 Pit  
Sample ID : FED 11-24 0-12 IN  
Collected By : Jeff Stoddart  
Collection Date : 03/26/09 12:10

ESC Sample # : L395104-01

Site ID :

Project # :

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Chloride	9000	200	mg/kg	9056	04/02/09	20
TPH (GC/FID) Low Fraction	97.	10.	mg/kg	8015D/GRO	04/03/09	100
Surrogate Recovery (70-130) a,a,a-Trifluorotoluene(FID)	85.3		% Rec.	602/8015	04/03/09	100
TPH (GC/FID) High Fraction	4300	80.	mg/kg	3546/DRO	04/01/09	20
Surrogate recovery(%) o-Terphenyl	0.00		% Rec.	3546/DRO	04/01/09	20

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Note:

The reported analytical results relate only to the sample submitted.

This report shall not be reproduced, except in full, without the written approval from ESC.

Reported: 04/06/09 10:29 Printed: 04/06/09 10:30

Attachment A  
List of Analytes with QC Qualifiers

Sample Number	Work Group	Sample Type	Analyte	Run ID	Qualifier
L395104-01	WG414309	SAMP	o-Terphenyl	R690809	J7

Attachment B  
Explanation of QC Qualifier Codes

Qualifier	Meaning
J7	Surrogate recovery limits cannot be evaluated; surrogates were diluted out
Qualifier Report Information	

ESC utilizes sample and result qualifiers as set forth by the EPA Contract Laboratory Program and as required by most certifying bodies including NELAC. In addition to the EPA qualifiers adopted by ESC, we have implemented ESC qualifiers to provide more information pertaining to our analytical results. Each qualifier is designated in the qualifier explanation as either EPA or ESC. Data qualifiers are intended to provide the ESC client with more detailed information concerning the potential bias of reported data. Because of the wide range of constituents and variety of matrices incorporated by most EPA methods, it is common for some compounds to fall outside of established ranges. These exceptions are evaluated and all reported data is valid and useable unless qualified as 'R' (Rejected).

Definitions

- Accuracy - The relationship of the observed value of a known sample to the true value of a known sample. Represented by percent recovery and relevant to samples such as: control samples, matrix spike recoveries, surrogate recoveries, etc.
- Precision - The agreement between a set of samples or between duplicate samples. Relates to how close together the results are and is represented by Relative Percent Difference.
- Surrogate - Organic compounds that are similar in chemical composition, extraction, and chromatography to analytes of interest. The surrogates are used to determine the probable response of the group of analytes that are chemically related to the surrogate compound. Surrogates are added to the sample and carried through all stages of preparation and analyses.
- TIC - Tentatively Identified Compound: Compounds detected in samples that are not target compounds, internal standards, system monitoring compounds, or surrogates.

Summary of Remarks For Samples Printed  
04/06/09 at 10:30:12

TSR Signing Reports: 151  
R5 - Desired TAT

cb-1/05;Run ALKs on separate dash, 1 day TAT, R3 priority; Client sends unpreserved vials for all projects; Run BTEXM by 8260 on separate dash.

Sample: L395104-01 Account: CORCOMGCO Received: 03/30/09 09:00 Due Date: 04/06/09 00:00 RPT Date: 04/06/09 10:29





# ENVIRONMENTAL SCIENCE CORP.

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Cordilleran Compliance - GJ, CO  
Ken Kreie  
826 21 1/2 Road

## Quality Assurance Report Level II

Grand Junction, CO 81505

L395104

April 06, 2009

Analyte	Result	Laboratory Blank Units % Rec	Limit	Batch	Date Analyzed
TPH (GC/FID) High Fraction o-Terphenyl	< 4	ppm % Rec. 87.13	50-150	WG414309	03/31/09 16:12
Chloride	< 10	mg/kg		WG414603	04/02/09 16:23
TPH (GC/FID) Low Fraction a,a,a-Trifluorotoluene(FID)	< .1	mg/kg % Rec. 88.57	59-128	WG415070	04/03/09 03:35
				WG415070	04/03/09 03:35

Analyte	Units	Result	Duplicate Duplicate RPD	Limit	Ref Samp	Batch
Chloride	mg/kg	190.	177. 7.08	20	L394543-01	WG414603
Chloride	mg/kg	22000	22000 0.00	20	L395105-01	WG414603

Analyte	Units	Laboratory Control Sample Known Val Result % Rec	Limit	Batch
TPH (GC/FID) High Fraction o-Terphenyl	ppm	60 45.4 75.7 104.3	50-150 50-150	WG414309 WG414309
Chloride	mg/kg	800 827. 103.	85-115	WG414603
TPH (GC/FID) Low Fraction a,a,a-Trifluorotoluene(FID)	mg/kg	5.5 6.16 112. 118.2	67-135 59-128	WG415070 WG415070

Analyte	Units	Laboratory Control Sample Duplicate Result Ref %Rec	Limit	RPD	Limit	Batch
TPH (GC/FID) High Fraction o-Terphenyl	ppm	46.1 45.4 77.0 95.50	50-150 50-150	1.55	20	WG414309 WG414309
Chloride	mg/kg	824. 827. 103.	85-115	0.363	20	WG414603
TPH (GC/FID) Low Fraction a,a,a-Trifluorotoluene(FID)	mg/kg	6.22 6.16 113. 111.6	67-135 59-128	0.958	20	WG415070 WG415070

Analyte	Units	Matrix Spike MS Res Ref Res TV % Rec	Limit	Ref Samp	Batch
Chloride	mg/kg	512. 0.00 500. 102.	80-120	L395658-01	WG414603
TPH (GC/FID) Low Fraction a,a,a-Trifluorotoluene(FID)	mg/kg	25.2 0.00 5.5 91.6 105.8	55-109 59-128	L395619-01	WG415070 WG415070

Analyte	Units	Matrix Spike Duplicate MSD Ref %Rec	Limit	RPD	Limit	Ref Samp	Batch
Chloride	mg/kg	505. 512. 101.	80-120	1.38	20	L395658-01	WG414603
TPH (GC/FID) Low Fraction	mg/kg	22.9 25.2 83.4	55-109	9.37	20	L395619-01	WG415070

\* Performance of this Analyte is outside of established criteria.

For additional information, please see Attachment A 'List of Analytes with QC Qualifiers.'



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Ken Kreie  
826 21 1/2 Road

Quality Assurance Report  
Level II

Grand Junction, CO 81505

L395104

April 06, 2009

---

Analyte	Units	MSD	Matrix Spike Duplicate		Limit	RPD	Limit Ref Samp	Batch
			Ref	%Rec				
a,a,a-Trifluorotoluene(FID)				102.5	59-128			

---

Batch number /Run number / Sample number cross reference

WG414309: R690809: L395104-01  
WG414603: R694307: L395104-01  
WG415070: R695866: L395104-01

\* \* Calculations are performed prior to rounding of reported values .  
\* Performance of this Analyte is outside of established criteria.  
For additional information, please see Attachment A 'List of Analytes with QC Qualifiers.'



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Quality Assurance Report  
Level II

Grand Junction, CO 81505

L395104

April 06, 2009

The data package includes a summary of the analytic results of the quality control samples required by the SW-846 or CWA methods. The quality control samples include a method blank, a laboratory control sample, and the matrix spike/matrix spike duplicate analysis. If a target parameter is outside the method limits, every sample that is effected is flagged with the appropriate qualifier in Appendix B of the analytic report.

Method Blank - an aliquot of reagent water carried through the entire analytic process. The method blank results indicate if any possible contamination exposure during the sample handling, digestion or extraction process, and analysis. Concentrations of target analytes above the reporting limit in the method blank are qualified with the "B" qualifier.

Laboratory Control Sample - is a sample of known concentration that is carried through the digestion/extraction and analysis process. The percent recovery, expressed as a percentage of the theoretical concentration, has statistical control limits indicating that the analytic process is "in control". If a target analyte is outside the control limits for the laboratory control sample or any other control sample, the parameter is flagged with a "J4" qualifier for all effected samples.

Matrix Spike and Matrix Spike Duplicate - is two aliquots of an environmental sample that is spiked with known concentrations of target analytes. The percent recovery of the target analytes also has statistical control limits. If any recoveries that are outside the method control limits, the sample that was selected for matrix spike/matrix spike duplicate analysis is flagged with either a "J5" or a "J6". The relative percent difference (%RPD) between the matrix spike and the matrix spike duplicate recoveries is all calculated. If the RPD is above the method limit, the effected samples are flagged with a "J3" qualifier.



STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

**CONFIDENTIAL**

FORM 9

5. LEASE DESIGNATION AND SERIAL NUMBER:  
UTL 82153

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
2. NAME OF OPERATOR: Delta Petroleum Corporation		7. UNIT or CA AGREEMENT NAME: N/A
3. ADDRESS OF OPERATOR: 370 17th St. Suite 4300 CITY Denver STATE CO ZIP 80202		8. WELL NAME and NUMBER: Federal 11-24
PHONE NUMBER: (303) 293-9133		9. API NUMBER: 4301931575
4. LOCATION OF WELL FOOTAGES AT SURFACE: 665' FSL & 1,997' FWL		10. FIELD AND POOL, OR WILDCAT: Wildcat
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SESW 11 22S 16E		COUNTY: Grand
		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Well History Report</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Tight Hole Status

Current Status: Completion Operations

Please see attached "Drilling Chronological Regulatory Report" from 12/20/2008 - 1/27/2009.

Completion Report to follow

NAME (PLEASE PRINT) <u>Richard Bonham</u>	TITLE <u>Completions Engineer</u>
SIGNATURE <u>Richard Bonham</u>	DATE <u>08/12/09</u>

(This space for State use only)

RECEIVED  
AUG 17 2009

DIV. OF OIL, GAS & MINING

Well Name : Federal 11-24							
Prospect:		Greentown			AFE #:		4172
Sec/Twp/Rge:		11 / 22S / 16E			Operator:		Petroleum Corpora
API #:		43019315750000	Field:		Wildcat	Supervisor:	
Work Type:		Completion	County , St.:		Grand, UT	Phone:	
Production Current/Expected		Oil:	0 / 0	Gas:	0 / 0	Water:	0 / 0
Job Purpose :Drill and complete a Paradox salt wildcat well.							
Date :	12/17/2008	Activity:	Coil tubing	Rig Name:		Days :	59
Daily Report Summary :							
Daily Report Detail:							
Date :	12/18/2008	Activity:	POOH w/tbg & pkr	Rig Name:		Days :	60
Daily Report Summary :		POOH with tbg and pkr.					
Daily Report Detail:		MIRU Key Rig #62. Bleed tbg and csg to -0- psi. Release Pkr. POOH. Lay down pkr. SWFN					
From 11:30 To 14:30	3 hrs	Category/Rmks:	MIRU : Rig up Key WO Rig #62. Tbg@ 3800 psi, Csg @ 2000 psi. Bleed both to -0- psi.				
From 14:30 To 15:00	0.5 hrs	Category/Rmks:	Other : Release Baker Retrieumatic Pkr.				
From 15:00 To 17:30	2.5 hrs	Category/Rmks:	TOOH : Stand back 256 jts 2 7/8" 6.5" 8rd tbg. Lay down 1 jt and Baker Pkr. SWFN				
From 17:30 To	0 hrs	Category/Rmks:	SDFN :				
Date :	12/19/2008	Activity:	TIHw/ pkr	Rig Name:		Days :	61
Daily Report Summary :		Perforat 8142'-8143'. Pump into formation. TIH with Pkr and set @. 8080'. Attempt to pump into formation. Pump pressure goes to 10000. Bleeds back to 9000 psi slowly.					
Daily Report Detail:		-RU E/L. RIH. Pressure up to 2000 psi. Perforate 8142'-8143'. No change @ surface. POOH. RD E/L. Pump into formation @ 8000 psi. Broke back to 7800 psi. Pump 10 bbls diesel. Pump @ 8600 psi and 1/2 bpm. Broke back to 8100 psi. Shut down pump. TIH with Baker Retrieumatic Pkr. Set @ 8080'+/-. Test csg to 2000 psi. Shut in backside with 2000 psi. Pump into formation. Pump pressure up to 10000 psi. Shut down pump. Pressure down to 9000 psi. Pressure up several times and let bleed down to 9000 psi. Start pumping I .25 bpm @ 8700 psi. Pump 12 bbls diesel. Shut down pump. Bleed tbg down slowly to 5000 psi. Shut in well. RD pump and WO rig.					
From 8:00 To 9:00	1 hrs	Category/Rmks:	RU : Rig up E/L.				
From 9:00 To 9:30	0.5 hrs	Category/Rmks:	RIH : with 3 1/8", expendable, Hollow Carrier, 3spf, 120 deg Phasing Perforating gun. Log on depth.Pressure up to 2000 psi. Perforate 8142'-8143'. No change @ surface.				
From 9:30 To 10:00	0.5 hrs	Category/Rmks:	TOOH : Lay down fird gun.				
From 10:00 To 11:00	1 hrs	Category/Rmks:	Breakdown : Pump into formation @ 8000 psi. Broke back to 7800 psi. Pump 6 bbls diesel. Pump up to 8600 psi. Broke back to 8100 psi. Pump 4 bbls. Shut down pump. Bleed to -0- psi. RD E/L.				
From 11:00 To 11:30	0.5 hrs	Category/Rmks:	Other : Make up Bake Retrieumatic Pkr.				
From 11:30 To 14:30	3 hrs	Category/Rmks:	TIH : Set Pkr @ 8080' with 25K compression down.				
From 14:30 To 15:00	0.5 hrs	Category/Rmks:	Test : Pressure up on csg to 2000 psi. Shut in Backside.				
From 15:00 To 17:30	2.5 hrs	Category/Rmks:	Breakdown : Pump into formation. Pressure up to 10000 psi. Shut down pump. Pressure down to 9000 psi. Do this several times. Start pumping in .25 bpm @ 8700 psi. Pump 12 bbls diesel. Shut down pump. Trap 5000 psi on tbg.SWFN. Rig down pump and rig.				
From 17:30 To	0 hrs	Category/Rmks:	SDFN :				
Date :	12/20/2008	Activity:	Dfit Test	Rig Name:		Days :	62
Daily Report Summary :		Pump Dfit.					
Daily Report Detail:		MIRU Halliburton. Pump Dfit test. 2.3 bpm @ 7600 psi. RD					
From 7:00 To 9:00	2 hrs	Category/Rmks:	MIRU : Halliburton Pump Trucks. Rig up Line to Wellhead.				
From 9:00 To 9:30	0.5 hrs	Category/Rmks:	SFTY MTG : Discuss days operations and procedures.				
From 9:30 To 13:30	4 hrs	Category/Rmks:	Test : Pump Dfit test 2.3 bpm @ 7600 psi. See Halliburton Procedure.				
From 13:30 To 14:00	0.5 hrs	Category/Rmks:	RD :				
Date :	12/30/2008	Activity:	Pull Plug	Rig Name:		Days :	72
Daily Report Summary :		Halliburton to pull dfit guages, left well shut, waiting on pulling unit.					
Daily Report Detail:		Halliburton to pull dfit guages, left well shut, waiting on pulling unit.					
From 0:00 To 13:00	13 hrs	Category/Rmks:	SDFN :				
From 13:00 To 0:00	11 hrs	Category/Rmks:	SDFN :				

Well Name : Federal 11-24													
Prospect:		Greentown					AFE #:		4172				
Sec/Twp/Rge:		11 / 22S / 16E					Operator:		a Petroleum Corpora				
API #:		43019315750000		Field:		Wildcat		Supervisor:		Arlin Fischer			
Work Type:		Completion		County, St.:		Grand, UT		Phone:					
Production Current/Expected		Oil:		0 / 0		Gas:		0 / 0		Water:		0 / 0	
Job Purpose :Drill and complete a Paradox salt wildcat well.													
Date :		1/7/2009		Activity:		MIRU		Rig Name:				Days :80	
Daily Report Summary :		Well shut in. MIRU Key Energy Services. Release packer. TOO H, laying down tubing. Lay down packer. Prepare rig to RD. SICP 0 psi. SITP 0 psi. Secure well.											
Daily Report Detail:		Well shut in. MIRU Key Energy Services. Release packer. TOO H, laying down tubing. Lay down packer. Prepare rig to RD. SICP 0 psi. SITP 0 psi. Secure well.											
From 0:00 To 7:00		7 hrs		Category/Rmks:		SDFN :							
From 7:00 To 12:00		5 hrs		Category/Rmks:		MIRU :							
From 12:00 To 18:00		6 hrs		Category/Rmks:		TOOH :							
From 18:00 To 0:00		6 hrs		Category/Rmks:		SDFN :							
Date :		1/8/2009		Activity:		RDMO		Rig Name:				Days :81	
Daily Report Summary :		Well shut in overnight. SICP 150 psi. RDMO Key Service unit. Commence hauling frac fluids. Well shut in till frac.											
Daily Report Detail:		Well shut in overnight. SICP 150 psi. RDMO Key Service unit. Commence hauling frac fluids. Well shut in till frac.											
From 0:00 To 7:00		7 hrs		Category/Rmks:		SDFN :							
From 7:00 To 11:00		4 hrs		Category/Rmks:		RD :							
From 11:00 To 18:00		7 hrs		Category/Rmks:		Other :							
From 18:00 To 0:00		6 hrs		Category/Rmks:		SDFN :							
Date :		1/9/2009		Activity:		Prep for frac		Rig Name:				Days :82	
Daily Report Summary :		Well shut in overnight. Continue to fill frac tanks with diesel. PU 10 K Frac valve and NU. Set back pressure valve in tubing hanger. Pressure test well head to 10. Held pressure for 15 minutes. Lay down hanger and back pressure valve. SDFN.											
Daily Report Detail:		Well shut in overnight. Continue to fill frac tanks with diesel. PU 10 K Frac valve and NU. Set back pressure valve in tubing hanger. Pressure test well head to 10. Held pressure for 15 minutes. Lay down hanger and back pressure valve. SDFN.											
From 0:00 To 9:00		9 hrs		Category/Rmks:		SDFN :							
From 9:00 To 12:00		3 hrs		Category/Rmks:		NU :							
From 12:00 To 14:00		2 hrs		Category/Rmks:		Other :							
From 14:00 To 15:00		1 hrs		Category/Rmks:		RD :							
From 15:00 To 0:00		9 hrs		Category/Rmks:		SDFN :							
Date :		1/11/2009		Activity:		Cost adjustment		Rig Name:				Days :84	
Daily Report Summary :		Well shut in Cost Adjustment.											
Daily Report Detail:		Well shut in Cost Adjustment.											
From 0:00 To 0:00		24 hrs		Category/Rmks:		SDFWE :							
Date :		1/19/2009		Activity:		Cost adjustment		Rig Name:				Days :92	
Daily Report Summary :		Cost adjustment											
Daily Report Detail:													
Date :		1/27/2009		Activity:		Cost adjustment		Rig Name:				Days :100	
Daily Report Summary :		Cost adjustment											
Daily Report Detail:													
Casing													
DateIn	Setting Depth	Jts Run	Type	Size	Weight	Grade	MINID	HoleDiam	TD				
8/19/2008	2062.1	49	3. Surface	13.375	54.5	J-55	12.615	17.5	2067				
Stage: 1, Spacer, 20, 0, GELLED WATER FRESH WATER, , 0, 0													
Stage: 1, Spacer, 10, 0, WATER SPACER WATER SPACER, , 0, 0													
Stage: 1, Lead, 0, 735, PRB-2-SBM, , 2.95, 11.5													
Stage: 1, Tail, 0, 410, PBR-2-SBM, , 1.81, 13.5													
Stage: 1, Displacement, 312, 0, FRESH WATER, , 0, 0													
9/21/2008	6082.49	141	4. Intermediate	9.625	43.5		0	12.25	6082				
Stage: 1, Spacer, 40, 0, BARITE, FRESH WATER													

Well Name : Federal 11-24													
Prospect:		Greentown					AFE #:		4172				
Sec/Twp/Rge:		11 / 22S / 16E					Operator:		a Petroleum Corpora				
API #:		43019315750000		Field:		Wildcat		Supervisor:		Arlin Fischer			
Work Type:		Completion		County , St.:		Grand, UT		Phone:					
Production Current/Expected		Oil:		0 / 0		Gas:		0 / 0		Water:		0 / 0	
Job Purpose :Drill and complete a Paradox salt wildcat well.													
<p>RITE &amp; FRESH WATER, , 0, 0</p> <p>Stage: 1, Lead, 0, 755, , Lightweight, 2.21, 12.5</p> <p>Stage: 1, Tail, 0, 875, , Class G, 1.18, 15.8</p> <p>Stage: 1, Displacement, 450, 0, INVERT/WATER, , 0, 0</p>													
10/13/2008	9931.569	213	5. Production	5.5	23	P-110	0	8.5	9932				
<p>Stage: 1, Spacer, 40, 0, Tuned Spacer 111, , 0, 0</p> <p>Stage: 1, Lead, 0, 1100, .4%halad413.4%halad34410%salt.2%cfr-3,6%chem-welllife,1%D-air,.3%hr5,.2%super cbl,, Class G, 1.29, 15.3</p> <p>Stage: 1, Displacement, 210, 0, Invert mud, , 0, 0</p>													
Perforation													
Date:	Formation	Perf Status	Upper Perf	Lower Perf	Sht / Ft	Description:							
10/23/2008	"O" zone clastics	Open	8977	8978	3								
10/30/2008	Paradox Salt	Open	8978	8990	2	1330 psi on well when shot							



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010  
**CONFIDENTIAL**

5. Lease Serial No.  
UTU-82153

6. If Indian, Allottee or Tribe Name  
N/A

**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an  
abandoned well. Use Form 3160-3 (APD) for such proposals.**

**SUBMIT IN TRIPLICATE** – Other instructions on page 2.

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Delta Petroleum Corporation

3a. Address

370 17th St. Suite 4300, Denver, CO 80202

3b. Phone No. (include area code)

303-293-9133

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

665' FSL & 1,997' FWL, Sec. 11, T22S, R16E

7. If Unit of CA/Agreement, Name and/or No.  
N/A

8. Well Name and No.

Federal 11-24

9. API Well No.

43-019-31575

10. Field and Pool or Exploratory Area  
Wildcat

11. Country or Parish, State  
Grand County, Utah

**12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other Pit closure
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

Tight Hole Status

Delta Petroleum Corp. closed the pit for the Federal 11-24 on 5/29/2009.

Pit was closed by Earthworks, Inc. of Riverton, Wyoming using solidification technology methods. (See attached Daily Activity Report)

Start Date: 5/20/09

End Date: 5/29/09

Please see attached "Pit Closure Report and Composite Sample Test Results" from Earthworks.

14. I hereby certify that the foregoing is true and correct.

Name (Printed/Typed)

Richard Bonham

Title Completions Engineer

Signature

*Richard Bonham*

Date

08/14/09

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

**RECEIVED**

**AUG 19 2009**

# Daily Activity Report

## Delta Petroleum Corp.

**Location: Federal      11-24**

**May 20-09      Tuesday**

- 1:30 PM: Travel from one location to field location.
- 2:00 PM: Arrive at location, meet trucks & track hoe, warm up equipment, have safety meeting.
- 2:30 PM: Start unloading reagent into pit.
- 4:00 PM: Done unloading, start mixing.
- 5:00 PM: Off location, travel from location to Green River.

**May 21-09      Thursday**

- 6:30 AM: Travel from Green River to field location.
- 7:00 AM: Arrive at location, meet trucks & track hoe, warm up equipment, have safety meeting.
- 7:30 AM: Start unloading reagent into reserve pit.
- 11:00 AM: Done unloading, start mixing.
- 2:00 PM: Done mixing for the day, grease & fuel equipment.
- 2:30 PM: Off location, travel from location Green River.

**May 22-09      Friday**

- 6:15 AM: Travel from Green River to field location.
- 7:00 AM: Arrive at location, warm up equipment, have safety meeting.

9:00 AM: Unloading reagent into pit.  
11:00 AM: Done unloading reagent.  
11:15 AM: Grease & fuel equipment.  
13:30 AM: Off location, travel from location to Riverton.

**May 26-09            Tuesday**

4:00 AM: Travel from Riverton, WY to field location.  
12:00 PM: Arrive at location, warm up equipment, have safety meeting.  
12:30 PM: Continue mixing reagent and cuttings together.  
5:00 PM: Done for the day, grease & fuel equipment.  
5:30 PM: Off location, travel from location to Green River.

**May 27-09            Wednesday**

6:20 AM: Travel from Green River to field location.  
7:00 AM: Arrive at location, meet trucks & track hoe, warm up equipment, have safety meeting.  
7:15 AM: Start unloading reagent into reserve pit.  
12:30 PM: Done unloading reagent, start mixing.  
5:00 PM: Done mixing for the day, grease & fuel equipment.  
5:15 PM: Off location, travel from location to Green River.

**May 28-09            Thursday**

6:20 AM: Travel from Green River to field location.  
7:00 AM: Arrive at location, meet trucks & track hoe, warm up equipment, have safety meeting.

7:15 AM: Continue mixing contents of pit. Take composite samples of treated materials.

9:30 AM: Start placing cover soil on pit.

4:00 PM: Grease & fuel equipment.

4:15 PM: Off location, travel from location to Green River.

**May 29-09              Friday**

6:20 AM: Travel from Green River to field location.

8:00 AM: Arrive at location, meet trucks & track hoe, warm up equipment, have safety meeting.

8:30 AM: Continue placing cover soil on pit and cleaning up location.

10:30 AM: Done placing cover soil for the day.

11:00 AM: Off location, travel from location to Riverton, WY.

**Job Finished**

# Earthworks, Inc.

## Regulatory Agency Pit Closure Report

1. Report submitted to: Delta Petroleum Corp.
2. Content of pit: Diluted Oil based drill cuttings & mud.
3. Size of pit: 17,629 BBLs
4. Operator: Delta Petroleum Corp.
5. Closure Contractor: Earthworks Inc.
6. Lease Name & Number: Federal 11-24
7. Location: Sec 11, T22S, R16E, Grand County Utah
8. Start Date: 05/20/09 End Date: 05/29/09
9. Treating Materials added: LKD, CKD, Portland Cement
10. Was pit lined? Yes
11. Pre-Treatment Analysis (see attached)  
TPH: 12% TDS: NA
12. Post-Treatment Analysis (see attached)  
TPH < 1.0 > 10mg/L TDS < 2,180 > 5000 mg/l
13. Stiffness/Compressive strength test results: Ran Dozer over it.
14. Type of pit: Reserve Pit

Signed: Ken Holsbeter Title: President Date: 08/10/09

# Earthworks, Inc.

## Pre-Testing Results

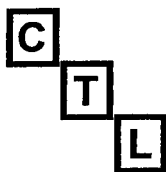
Operator Delta Petroleum Corp.

Well Federal 11-24

TPH 12% Water 60% Solids 28%

All above values are arrived at using a baroid retort distillation unit and represent percentage of volume of sample tested.

Tested by Ken Hostetler



# CONTI TESTING LABORATORIES, INC.

P.O. BOX 174 - BETHEL PARK, PA 15102

(412) 833-7766, Fax (412) 854-0373

contilab@verizon.net

Earthworks

8/10/2009

1 Hutchinson Rd

Riverton , WY 82501

Attn: Ken Hostetter

Office: 307-856-4699/307-857-4260

Fax: 307-857-6683

Email: earthworks@wyoming.com

Received: 08/03/09

Sampled By: client

CTL ID: 129998

## RESULTS

Sample ID: **Federal11-24 (Utah)**

	<u>mg/l</u>	<u>Method</u>	<u>DL (mg/l)</u>
Total Dissolved Solids	2,280	EPA 160.1	10
Total Petroleum Hydrocarbon	1.0	EPA 1664	1.0

Ref: Wy Leachate

Approved By: *J.G. Otruba*

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

5. Lease Serial No.  
UTU82153

6. If Indian, Allottee or Tribe Name  
N/A

**SUBMIT IN TRIPLICATE** – Other instructions on page 2.

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Delta Petroleum Corporation

3a. Address

370 17th St. Suite 4300, Denver, CO 80202

3b. Phone No. (include area code)

303-293-9133

7. If Unit of CA/Agreement, Name and/or No.  
N/A

8. Well Name and No.

Federal 11-24

9. API Well No.

43-019-31575

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

665' FSL & 1,997' FWL, Sec. 11, T22S, R16E

10. Field and Pool or Exploratory Area  
Wildcat

11. Country or Parish, State  
Grand County, Utah

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

☐ Notice of Intent

☒ Subsequent Report

☐ Final Abandonment Notice

☐ Acidize

☐ Alter Casing

☐ Casing Repair

☐ Change Plans

☐ Convert to Injection

☐ Deepen

☐ Fracture Treat

☐ New Construction

☐ Plug and Abandon

☐ Plug Back

☐ Production (Start/Resume)

☐ Reclamation

☐ Recomplete

☐ Temporarily Abandon

☐ Water Disposal

☐ Water Shut-Off

☐ Well Integrity

☒ Other Remove Tight

Hole Status

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

Delta Petroleum Corporation requests that the Federal 11-24 well be removed from tight hole status.

RECEIVED

OCT 19 2009

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct.  
Name (Printed/Typed)

Richard Bonham

Title Completions Engineer

Signature

*Richard Bonham*

Date

10/14/09

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**CONFIDENTIAL**Tight Hole 10/19/09  
- Removed Conf Status per operator  
FORM APPROVED  
OMB NO. 1004-0137  
Expires: July 31, 2010**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**5. Lease Serial No.  
UTU-821531a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other  
b. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.,  
Other: \_\_\_\_\_6. If Indian, Allottee or Tribe Name  
NA7. Unit or CA Agreement Name and No.  
NA2. Name of Operator  
Delta Petroleum Corporation8. Lease Name and Well No.  
Federal 11-24

3. Address 370 17th Street, Suite 4300 Denver, CO 80202

3a. Phone No. (include area code)  
(303) 293-91339. AFI Well No.  
43-019-31575

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*

665' FSL, 1997' FWL SESW SEC 11, T22S, R16E, SLM

At surface

10. Field and Pool or Exploratory  
Wildcat11. Sec., T., R., M., on Block and  
Survey or Area Sec. 11, T22S, R16E, SLM

N/A

At top prod. interval reported below

12. County or Parish 13. State

Grand

UT

At total depth Same as surface

14. Date Spudded  
08/14/200815. Date T.D. Reached  
10/08/200816. Date Completed 01/11/2009  
☐ D & A ☐ Ready to Prod.17. Elevations (DF, RKB, RT, GL)\*  
4379' GL18. Total Depth: MD 9,978'  
TVD 9,978'19. Plug Back T.D.: MD 8,197'  
TVD 8,197'20. Depth/Bridge Plug Set: MD 8,520', 8,217',  
TVD 8,520', 8,217'21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
CBL/VDL/SCMT/GR/CCL, Array Comp/Density/Neutron (2 runs)22. Was well cored? ☒ No ☐ Yes (Submit analysis)  
Was DST run? ☒ No ☐ Yes (Submit report)  
Directional Survey? ☒ No ☐ Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
24"	20"	104#	0'	40'		100 sx Redi-Mix		Surface	None
17 1/2"	13 3/8"	54.5#J55	0'	2062'		735 SJ PRB II	386	Surface	None
						410 SJ PRB II	132		
12 1/4"	9 5/8"	43.5#-	0'	6082'		755 HES LtWt	297	500'	None
		P110				875 Prem G	184		
8 1/2"	5 1/2"	23#P110	0'	9932'		1100 Prem G	253	2848'	None

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
N/A		8235'						

25. Producing Intervals

Formation	Top	Bottom	Perforation Interval	Size	No. Holes	Perf. Status
A)			8,977' - 8,990'	.42"	27	open
B)			8,353' - 8,359'	.42"	18	open
C)			8,341' - 8,345'	.42"	12	open
D)			8135'-8136', 8142'-8143'	.42"	3,3	open

27. Acid, Fracture, Treatment, Cement Squeeze, etc.

Depth Interval	Amount and Type of Material
8,977' - 8,990'	Pumped 504 gals of 15% HCL Acid, 10,290 gals of 7% KCL water, 100,364 #'s of SB Excel 16/30 proppant.
8,341' - 8,359'	Frac'd with 10,584 gals. of acid & pad, 23,856 gals. of SLF, 95,277 gals. of BH Foam, and 370,528 lbs. of proppant.

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→					T&A'd- Operations Suspended	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

\*(See instructions and spaces for additional data on page 2)

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## 28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

## 28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

## 29. Disposition of Gas (Solid, used for fuel, vented, etc.)

## 30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

## 31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
				Morrison Entrada	55' 969'
				Carmel Navajo	1468' 1604'
				Kayenta Wingate	2037' 2190'
				Chinle Shinarump	2555' 2723'
				White Rim Cutler- Organ Rock mbr	3583' 3943'
				Honaker Trail Paradox Salt	5023' 6112'
				"O" zone clastics "Cane Creek" clastics	9488' 10,096'

## 32. Additional remarks (include plugging procedure):

## Plugs left in hole:

Cement plug from 9,978' - 9,932' with 19.5 bbls of 15.6 ppg cmt

CIBP @ 8,520'

Baker "Hornet" packer @ 8,235'

CIBP @ 8,217' (dump bail 20' cement from 8,217' - 8,197')

Dry hole tree on well

## 33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☒ Electrical/Mechanical Logs (1 full set req'd.)     
 ☐ Geologic Report     
 ☐ DST Report     
 ☐ Directional Survey  
☐ Sundry Notice for plugging and cement verification     
 ☐ Core Analysis     
☒ Other: Wellbore Schematic

## 34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)\*

Name (please print) Richard Bonham

Title Completions Engineer

Signature Richard Bonham

Date 09/25/09

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on page 3)

(Form 3160-4, page 2)

FEDERAL 11-24  
Straight hole to 9,978'  
Grand County, Utah

4379' GL + 25' Sub (DHS #10)

(13-3/8" SOW multibowl head x 13-5/8" 10 M x 7 1/16" 10M)

04/14/09 / CJN

COMPLETION  
NOTES:

Perf 8,977'-8,978' 3 SPF  
Perf 8,978'-8,990' 2 SPF  
Frac w/100,364# of  
16/30 sand  
CIBP @ 8,520'  
Perf 8,354'-8,359' 3 SPF  
Perf 8,353'-8,354' 3 SPF  
Perf 8,341'-8,345' 3 SPF  
Set Baker "Hornet"  
packer @ 8,235'  
Unable to pull, rotate  
off on/off tool  
CIBP @ 8,217'  
Dump bail 20' cement  
Perf 8,135'-8,136' 3 SPF  
Perf 8,142'-8,143' 3 SPF

No tubing in the well.  
Dry hole tree on well.

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DIV. OF OIL, GAS & MINING

CONDUCTOR

(RKB) 0'

Hole Size: 24"  
auger drill / spud mud

40'

SURFACE

Hole Size: 17-1/2" (air hammer / tri-cone)  
air dust / mist / gel mud  
TOC<sub>int, lead</sub> 500' TVD / MD

TOC<sub>prod, spacer</sub> 2,848' TVD / MD  
TOC<sub>surf, tail</sub> 1,567' TVD / MD

(Top Navajo) 1,601' TVD / MD est.

2067' TVD / MD

INTERMEDIATE

Hole Size: 12-1/4" (air hammer / tri-cone)  
air dust / mist  
8.5 - 9.9 ppg WBM

TOC<sub>prod, tail</sub> 3,735' TVD / MD

(Top White Rim) 3,583' TVD / MD

TOC<sub>top, tail</sub> 3,386' TVD / MD

(Top Paradox Salt) 6,112' TVD / MD

Triple Combo ±6,086' TVD / MD

PRODUCTION

Hole Size: 8 1/2"

OBM  
11.0 - 13.0 ppg

(Base Paradox Salt) ~9,978' TVD / MD?

Quad Combo

9,978' TVD / MD

Casing: 80', 20", 104 ppf, 19.0" ID, butt weld (bbl/ft: 0.3507 csg / 0.0710 OH ann)  
Cement: (est. 50% OH excess) 4.26 bbl / 1.0 yd<sup>3</sup> of 3500 psi Redi-Mix, furnished w/ conductor pipe  
TOC: 1" or grout to surface  
Casing: 2,062', 13-3/8" 54.5 ppf J55 STC (bbl/ft: 0.1545 csg vol / 0.1237 OH ann vol / 0.1769 CH ann vol)  
Cmt Lead: (1,567') (100% OH excess) 735 sx San Juan PRB II, 2.95 yld, 11.5 ppg slurry  
24 / 72 hr compressive strength (est. 80°F): 400 / 800 psi  
Cmt Tail: (500') (100% OH excess) 410 sx San Juan PRB II, 1.81 yld, 13.5 ppg slurry  
24 / 72 hr compressive strength (est. 80°F): 1000 / 2000 psi  
TOC: ±1,567' tail / 0' lead  
Csg. Test: 1000 psi / 10 min  
FIT / LOT: 10.0 ppg EMW  
Notes: 1. One 10' above shoe w/ stop ring, 12 spaced out each 4 jts w/ last one 5' from 20" conductor top  
2. 1 shoe joint

Casing: 6,082', 9-5/8" 43.5 ppf P110 LTC (bbl/ft: 0.0744 csg vol / 0.0558 OH ann vol / 0.0646 CH ann vol)  
Cmt Lead: (2,900') (est. 50% OHE) 755 sx HES Lightweight, 2.21 yld, 12.5 ppg slurry  
1% BENTONITE, 0.125 LBM POLY-E-FLAKE, 18% SALT  
24 hr compressive strength (est. 100°F): 1000 psi  
Cmt Tail: (2,200') (est. 50% OHE) 875 sx Premium G, 1.18 yld, 15.8 ppg slurry  
0.3% HALAD R-344, 0.3% SUPER CBL, 0.4% HR-5, 0.3% HALAD R-413, 6% SALT, 0.3% D-AIR 3000,  
0.1% VERSASET  
24 hr compressive strength (est. 150°F): 3000 psi  
TOC: 3,386' tail / 500' lead / Annular fluid 9.9 ppg WBM (Estimated - no returns during cement job)  
Csg. Test: 1135 psi / 15 min  
FIT / LOT: 15.0 EMW chart record 15 min  
Notes: 1. One 10' above shoe w/ stop ring, 14 spaced out each 3 jts  
2. 1 shoe joint

Casing: 9,932', 5 1/2" 23.0 ppf P110 LTC (bbl/ft: 0.0211 csg vol / 0.0408 OH ann vol / 0.0451 CH ann vol)  
Cmt Lead: Tuned Spacer 111, 40 bbls  
Cmt Tail: (6,196') 1100 sx Premium G, 15.3 ppg slurry, 1.29 cfs yield  
0.4% Halad-413, 0.4% Halad-344, 10% salt, 0.2% CFR-3, 6% Chem-Welllife, 1% D-Air, 0.3% HR-5, 0.2% Super CBL  
24 hr compressive strength (est. 190°F): 3000 psi  
TOC: 3,735' tail / 2,848' spacer / Annular fluid 12.9 ppg OBM  
Csg. Test: 2000 psi  
Notes: 1. Ran 20 centralizers every 4th joint  
2. 2 shoe joints

CIBP @ 8,217' w/ 20' cmt

packer @ 8,235'

CIBP @ 8,520'

Lost returns @ 9,978'. Set cement plug from 9,978' to 9,932'.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an  
abandoned well. Use Form 3160-3 (APD) for such proposals.**

5. Lease Serial No.  
UTU82153

6. If Indian, Allottee or Tribe Name  
n/a

**SUBMIT IN TRIPLICATE – Other instructions on page 2.**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator  
Delta Petroleum Corporation

3a. Address  
370 17th St., Suite 4300, Denver, CO 80202

3b. Phone No. (include area code)  
303-293-9133

7. If Unit of CA/Agreement, Name and/or No.  
n/a

8. Well Name and No.  
Federal 11-24

9. API Well No.  
43-019-31575

10. Field and Pool or Exploratory Area  
Wildcat

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
6E8 FSL & 1,997 FWL, Sec. 11, T22S, R16E

11. Country or Parish, State  
Grand, Utah

**12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <u>Cancel Horizontal</u>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	<u>Leg request</u>
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

Delta Petroleum Corporation had originally planned on drilling a horizontal leg from the Federal 11-24 well. A sundry notice was approved on 9/25/2008 to drill a horizontal leg from the vertical wellbore of the Federal 11-24. The horizontal leg was not drilled due to a change in business plans. Please cancel the request to drill a horizontal leg.

**RECEIVED**

**OCT 15 2009**

**DIV. OF OIL, GAS & MINING**

14. I hereby certify that the foregoing is true and correct.

Name (Printed/Typed)  
Richard Bonham

Title Completions Engineer

Signature

*Richard Bonham*

Date

*10/12/09*

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an  
abandoned well. Use Form 3160-3 (APD) for such proposals.*

5. Lease Serial No.  
UTU82153

6. If Indian, Allottee or Tribe Name  
n/a

**SUBMIT IN TRIPLICATE - Other instructions on page 2.**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator  
Delta Petroleum Corporation

3a. Address  
370 17th St., Suite 4300, Denver, CO 80202

3b. Phone No. (include area code)  
303-293-9133

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
66S FSL & 1,997 FWL, Sec. 11, T22S, R18E

7. If Unit of CA/Agreement, Name and/or No.  
n/a

8. Well Name and No.  
Federal 11-24

9. API Well No.  
43-019-31575

10. Field and Pool or Exploratory Area  
Wildcat

11. Country or Parish, State  
Grand, Utah

**12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <u>Cancel Horizontal</u>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	<u>Leg request</u>
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

Delta Petroleum Corporation had originally planned on drilling a horizontal leg from the Federal 11-24 well. A sundry notice was approved on 9/25/2008 to drill a horizontal leg from the vertical wellbore of the Federal 11-24. The horizontal leg was not drilled due to a change in business plans. Please cancel the request to drill a horizontal leg.

14. I hereby certify that the foregoing is true and correct.

Name (Printed/Typed)  
Richard Bonham

Title Completions Engineer

Signature

*Richard Bonham*

Date

*10/12/09*

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

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**NOV 03 2009**

**DIV. OF OIL, GAS & MININ.**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB NO. 1004-0137  
Expires: July 31, 2010

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.  
UTU-821531a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other  
b. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.,

Other: \_\_\_\_\_

2. Name of Operator  
Delta Petroleum Corporation

3. Address 370 17th Street, Suite 4300 Denver, CO 80202

3a. Phone No. (include area code)  
(303) 293-9133

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*

665' FSL, 1997' FWL SESW SEC 11, T22S, R16E, SLM

At surface

N/A

At top prod. interval reported below

At total depth Same as surface

14. Date Spudded  
08/14/200815. Date T.D. Reached  
10/08/200816. Date Completed 01/11/2009  
☐ D & A ☐ Ready to Prod.17. Elevations (DF, RKB, RT, GL)\*  
4379' GL, 4404' KB18. Total Depth: MD 9,978'  
TVD 9,978'19. Plug Back T.D.: MD 8,197'  
TVD 8,197'20. Depth Bridge Plug Set: MD 8,520', 8,217',  
TVD 8,520', 8,217'

21. Type Electric &amp; Other Mechanical Logs Run (Submit copy of each)

CBL/VDL/SCMT/GR/CCL, Array Comp/Density/Neutron (2 runs)

22. Was well cored? ☒ No ☐ Yes (Submit analysis)  
Was DST run? ☒ No ☐ Yes (Submit report)  
Directional Survey? ☒ No ☐ Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
24"	20"	104#	0'	40'		100 sx Redi-Mix		Surface	None
17 1/2"	13 3/8"	54.5#J55	0'	2062'		735 SJ PRB II	386	Surface	None
						410 SJ PRB II	132		
12 1/4"	9 5/8"	43.5#-	0'	6082'		755 HES LtWt	297	500'	None
		P110				875 Prem G	184		
8 1/2"	5 1/2"	23#P110	0'	9932'		1100 Prem G	253	2848'	None

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
N/A		8235'						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A)			8,977' - 8,990'	.42"	27	open
B)			8,353' - 8,359'	.42"	18	open
C)			8,341' - 8,345'	.42"	12	open
D)			8135'-8136', 8142'-8143'	.42"	3,3	open

27. Acid, Fracture, Treatment, Cement Squeeze, etc.

Depth Interval	Amount and Type of Material
8,977' - 8,990'	Pumped 504 gals of 15% HCL Acid, 10,290 gals of 7% KCL water, 100,364 #'s of SB Excel 16/30 proppant.
8,341' - 8,359'	Frac'd with 10,584 gals. of acid & pad, 23,856 gals. of SLF, 95,277 gals. of BH Foam, and 370,528 lbs. of proppant.

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→					T&A'd- Operations Suspended	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

\*(See instructions and spaces for additional data on page 2)

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28b. Production - Interval C									
Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

28c. Production - Interval D									
Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

29. Disposition of Gas (Solid, used for fuel, vented, etc.)

30. Summary of Porous Zones (Include Aquifers):	31. Formation (Log) Markers
Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.	

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
			31) cont.	Entrada	888'
			Paradox Salt 6051'	Carmel	1364'
			Pinkerton Trail 9612'	Navajo	1517'
			*All tops measured depth from KB	Kayenta Wingate	2058' 2092'
				Chinle Shinarump	2472' 2761'
				Moenkopi Sinbad	2834' 3316'
				White Rim Cutler	3495' 3938'
				Elephant Canyon Honaker Trail	4197' 5003'

32. Additional remarks (include plugging procedure):

Plugs left in hole:

Cement plug from 9,978' - 9,932' with 19.5 bbls of 15.6 ppg cmt

CIBP @ 8,520'

Baker "Hornet" packer @ 8,235'

CIBP @ 8,217' (dump bail 20' cement from 8,217' - 8,197')

Dry hole tree on well

33. Indicate which items have been attached by placing a check in the appropriate boxes:			
<input checked="" type="checkbox"/> Electrical/Mechanical Logs (1 full set req'd.)	<input type="checkbox"/> Geologic Report	<input type="checkbox"/> DST Report	<input type="checkbox"/> Directional Survey
<input type="checkbox"/> Sundry Notice for plugging and cement verification	<input type="checkbox"/> Core Analysis	<input checked="" type="checkbox"/> Other: Wellbore Schematic	

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)\*

Name (please print) Richard Bonham  
Signature Richard Bonham

Title Completions Engineer  
Date 11/30/09

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on page 3)

(Form 3160-4, page 2)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

5. Lease Serial No.  
UTU82153

6. If Indian, Allottee or Tribe Name  
N/A

**SUBMIT IN TRIPLICATE** – Other instructions on page 2.

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator  
Delta Petroleum Corporation

3a. Address  
370 17th St. Suite 4300, Denver, CO 80202

3b. Phone No. (include area code)  
303-293-9133

7. If Unit of CA/Agreement, Name and/or No.  
N/A

8. Well Name and No.  
Federal 11-24

9. API Well No.  
43-019-31575

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
665' FSL & 1,997' FWL, Sec. 11, T22S, R16E

10. Field and Pool or Exploratory Area  
Wildcat

11. Country or Parish, State  
Grand County, Utah

**12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other Request for T&A Extension
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

Delta Petroleum Corporation has entered into a business agreement with Mar/Reg Oil Company to operate and return to production/ workover four wells in the Greentown area over the next twelve months. The Federal 11-24 is either second or third well in the group they plan to workover or recompleat. Given this business agreement and planned work, and in consideration that this is a newer well of premium design and construction, Delta reequests a 12 month TA status extension for this well.

Please do not hesitate to contact the undersigned at 303-575-0383 if you should have any questions or concerns.

**REQUEST DENIED**

Utah Division of  
Oil, Gas and Mining

Date: 11/2/2010

By: [Signature]

\* See requirements of 2649-3-36 (need showing of integrity)

**COPY SENT TO OPERATOR**

Date: 1.14.2010

Initials: KS

14. I hereby certify that the foregoing is true and correct.  
Name (Printed/Typed)

Richard Bonham

Title Completions Engineer

Signature

[Signature]

Date 01/07/2010

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

**RECEIVED**

**JAN 11 2010**

**DIV. OF OIL, GAS & MINING**



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

**SUNDRY NOTICES AND REPORTS ON WELLS**  
***Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.***

5. Lease Serial No.  
UTU82153

6. If Indian, Allottee or Tribe Name  
N/A

**SUBMIT IN TRIPLICATE – Other instructions on page 2.**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Delta Petroleum Corporation

3a. Address

370 17th St. Suite 4300, Denver, CO 80202

3b. Phone No. (include area code)

303-575-0383

7. If Unit of CA/Agreement, Name and/or No.  
N/A

8. Well Name and No.

Federal 11-24

9. API Well No.

43-019-31575

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

66S FSL & 1,997' FWL, Sec. 11, T22S, R16E

10. Field and Pool or Exploratory Area  
Wildcat

11. Country or Parish, State  
Grand County, Utah

**12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other Request for TA
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Extension
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

Delta Petroleum Corporation would like to request a twelve month extension of the TA status for this well.

Attached are the results of the tubing, casing and annulus pressure tests which demonstrate mechanical integrity.

Please do not hesitate to contact the undersigned at 303-575-0383 if you should have any questions or concerns.

**COPY SENT TO OPERATOR**

Date: 7-6-2010

Initials: KS

14. I hereby certify that the foregoing is true and correct.  
Name (Printed/Typed)

Richard Bonham

Title Completions Engineer

Signature

*Richard Bonham*

Date 03/08/2010

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

*[Signature]*

Title

Pet. Eng.

Date

6/28/10

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

DOGm

Federal Approval Of This  
Action Is Necessary

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

**RECEIVED**

**MAR 11 2010**

**DIV. OF OIL, GAS & MIN.**

(Greentown) Federal 11-24								
Mechanical Integrity Demonstration								
Tubing, Casing, and Annulus Pressures								
	Date	Tbg Press psi	Casing Press psi	Intermed #2 Press psi	Intermed #1 Press psi	Surface Press psi	Fluid Type & Character	Observations / Comments
	11/20/09		460		100	1	-Csg: gas -Inter #1: gas -Surface: gas	
	01/27/10		340		40	0	- Csg: gas - Inter #1: gas, bled to 0 psi and no build up in 15 min - Surface: dead	-Csg is 5 1/2" -Inter #1 is 5 1/2"x9 5/8" ann -Surface is 9 5/8"x13 3/8" ann
Analysis								
	Mechanical integrity is demonstrated by the difference in the casing and intermediate pressures. Additionally, on 01/27/10 the intermediate was bled off and had no pressure build up in 15 minutes. Delta requests extension of TA status for this well.							



Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET**

**ROUTING**

1. DJJ

2. CDW

**X - Change of Operator (Well Sold)**

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

**9/1/2010**

**FROM: (Old Operator):**

N2925-Delta Petroleum Corporation

370 17th St, Suite 4300

Denver, CO 80202

Phone: 1 (303) 575-0361

**TO: ( New Operator):**

N7655-Pacific Energy & Mining Co

3550 Barron Way, suite 13A

Reno, NV 89511

Phone: 1 (775) 333-6626

**CA No.**

**Unit:**

WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
FEDERAL 11-24	11	220S	160E	4301931575	16969	Federal	GW	TA

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 9/15/2010
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 8/16/2010
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 3/4/2010
- a. Is the new operator registered in the State of Utah: Business Number: 5977241-0143
- a. (R649-9-2)Waste Management Plan has been received on: IN PLACE
- b. Inspections of LA PA state/fee well sites complete on: n/a
- c. Reports current for Production/Disposition & Sundries on: OK
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM 9/13/2010 BIA
- Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on: n/a
- Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on: n/a
- Underground Injection Control ("UIC")** approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: n/a

**DATA ENTRY:**

- Changes entered in the **Oil and Gas Database** on: 9/27/2010
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 9/27/2010
- Bond information entered in RBDMS on: n/a
- Fee/State wells attached to bond in RBDMS on: n/a
- Injection Projects to new operator in RBDMS on: n/a
- Receipt of Acceptance of Drilling Procedures for APD/New on: n/a

**BOND VERIFICATION:**

- Federal well(s) covered by Bond Number: UTB000416
- Indian well(s) covered by Bond Number: n/a
- a. (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number n/a
- b. The **FORMER** operator has requested a release of liability from their bond on: n/a

**LEASE INTEREST OWNER NOTIFICATION:**

- (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

**COMMENTS:**

For info.

Form 3160-5  
(August 2007)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

**SUBMIT IN TRIPLICATE** - Other instructions on page 2.

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. UTU-82153
2. Name of Operator Pacific Energy & Mining Company <i>N7655</i>		6. If Indian, Allottee or Tribe Name NA
3a. Address 3550 Barron Way, Suite 13-A, Reno, NV 89511	3b. Phone No. (include area code) 775-333-6626	7. If Unit of CA/Agreement, Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 665' FSL, 1997 FWL, SESW, Sec. 11, T22S, R16E, SLM		8. Well Name and No. Federal 11-24
		9. API Well No. 430-193-1575 <i>43-019-31575</i>
		10. Field and Pool or Exploratory Area Wildcat
		11. Country or Parish, State Grand

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <u>Change of Operator</u>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

Change of Operator to be effective as of this 1st day of September, 2010, as follows:

Previous Operator: Delta Petroleum Corporation, 370, 17th Street, Suite 4300, Denver, CO 80202. Ph: 303-293-9133

*N2925*  
**RECEIVED**  
**AUG 16 2010**

By: John R. Wallace, President & COO Date \_\_\_\_\_

New Operator: Pacific Energy & Mining Company, 3550 Barron Way, #13-A, Reno, NV 89511. Ph: 775-333-6626.

DIV. OF OIL, GAS & MINING

By: Tariq I. Ahmad, Petroleum Engineer *8/11/10* Date \_\_\_\_\_

*BLM BOND UTB000416*

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)	
Signature	Title
	Date

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by	<b>APPROVED <u>9/27/2010</u></b> <i>Earlene Russell</i> Division of Oil, Gas and Mining Earlene Russell, Engineering Technician
-------------	--

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

*entity 16969 Pink formation*

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-82153
<b>1. TYPE OF WELL</b> Gas Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> DELTA PETROLEUM CORP		<b>7. UNIT or CA AGREEMENT NAME:</b>
<b>3. ADDRESS OF OPERATOR:</b> 370 17th Street, Suite 4300, Denver, CO, 80202		<b>8. WELL NAME and NUMBER:</b> FEDERAL 11-24
<b>4. LOCATION OF WELL</b> FOOTAGES AT SURFACE: 0665 FSL 1997 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESW Section: 11 Township: 22.0S Range: 16.0E Meridian: S		<b>9. API NUMBER:</b> 43019315750000
<b>10. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA</b>		<b>9. FIELD and POOL or WILDCAT:</b> WILDCAT
<b>TYPE OF SUBMISSION</b>  <input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:  <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 9/1/2010  <input type="checkbox"/> SPUD REPORT Date of Spud:  <input type="checkbox"/> DRILLING REPORT Report Date:	<b>TYPE OF ACTION</b>  <div style="display: flex; flex-wrap: wrap;"> <div style="width: 33%;"> <input type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input checked="" type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION         </div> <div style="width: 33%;"> <input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input type="checkbox"/> OTHER         </div> <div style="width: 33%;"> <input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION         </div> </div>	
<b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS.</b> Clearly show all pertinent details including dates, depths, volumes, etc. Delta Petroleum Corp hereby confirms the Change of Operator to Pacific Energy & Mining effective September 1, 2010.		
APPROVED <u>9/27/2010</u> <i>Earlene Russell</i> Division of Oil, Gas and Mining Earlene Russell, Engineering Technician		
<b>NAME (PLEASE PRINT)</b> Linda Cool	<b>PHONE NUMBER</b> 303 575-0376	<b>TITLE</b> Senior Regulatory Technician
<b>SIGNATURE</b> N/A	<b>DATE</b> 9/15/2010	

RECEIVED September 15, 2010

 Entity #  
 16969

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an  
abandoned well. Use Form 3160-3 (APD) for such proposals.**

5. Lease Serial No.  
UTU-82153  
6. If Indian, Allottee or Tribe Name  
NA  
2010 AUG 13 AM 10:26  
MOAB FIELD OFFICE

**SUBMIT IN TRIPLICATE – Other instructions on page 2.**

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		7. If Unit of CA/Agreement, Name and/or No.
2. Name of Operator Pacific Energy & Mining Company		8. Well Name and No. Federal 11-24
3a. Address 3550 Barron Way, Suite 13-A, Reno, NV 89511	3b. Phone No. (include area code) 775-333-6626	9. API Well No. 430-193-1575 43-019-31575
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 66S° FSL, 1997° FWL, SESW, Sec. 11, T22S, R16E, SLM		10. Field and Pool or Exploratory Area Wildcat
		11. Country or Parish, State Grand

**12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other Change of Operator
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

Change of Operator to be effective as of this 1st day of September, 2010, as follows:

Previous Operator: Delta Petroleum Corporation, 370, 17th Street, Suite 4300, Denver, CO 80202. Ph: 303-293-9133

By: John R. Wallace, President & COO Date

New Operator: Pacific Energy & Mining Company, 3550 Barron Way, #13-A, Reno, NV 89511. Ph: 775-333-6626.

By: Tariq I. Ahmad, Petroleum Engineer Date 8/11/10

117B000416

RECEIVED  
SEP 13 2010

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) TARIQ AHMAD	Title President
Signature [Signature]	Date 8/19/10

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by ACCEPTED	Title Division of Resources Moab Field Office	Date 9/1/10
-------------------------	---	----------------

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

cc: udogm

Conditions Attached

Pacific Energy & Mining Company  
Well No. 11-24  
Section 11, T22S, R16E  
Lease UTU82153  
Grand County, Utah

#### CONDITIONS OF ACCEPTANCE

Acceptance of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Be advised that Pacific Energy & Mining Company is considered to be the operator of the above well effective September 1, 2010, and is responsible under the terms and conditions of the lease for the operations conducted on the leased lands.

Bond coverage for this well is provided by UTB000416 (Principal – Pacific Energy & Mining Company) via surety consent as provided for in 43 CFR 3104.2.

This office will hold the aforementioned operator and bond liable until the provisions of 43CFR 3106.7-2 continuing responsibility are met.



Greentown Unit - Approved by BLM 5/24/2013

acct_num	Company Name	unit_name	well_type	api	well_name	well_status	lapa_date	directional	qtr_qtr	section	township	wrange
N7655	PACIFIC ENERGY & MINING COMPANY		OW	4301950031	GREENTOWN 32-42-1A	APD			SENE	32	220S	170E
N7655	PACIFIC ENERGY & MINING COMPANY		OW	4301931503	FEDERAL 28-11	P			NWNW	28	220S	170E
N7655	PACIFIC ENERGY & MINING COMPANY		OW	4301931547	GREENTOWN FED 26-43H	S		H	NESE	26	210S	160E
N7655	PACIFIC ENERGY & MINING COMPANY		GW	4301931575	FEDERAL 11-24	S			SESW	11	220S	160E
N7655	PACIFIC ENERGY & MINING COMPANY		GW	4301931569	GREENTOWN ST 31-362216H	TA		H	NWNE	36	220S	160E

Please Scan  
Pages 2,3,4  
to wells  
listed on  
page 1.  
Thany/Zelke



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office

440 West 200 South, Suite 500

Salt Lake City, UT 84101

<http://www.blm.gov/ut/st/en.html>



IN REPLY REFER TO  
3180 (UTU89379X)  
UT922000

RECEIVED

MAY 31 2013

DIV. OF OIL, GAS & MINING

Mr. Tim Woodroof  
Pacific Energy & Mining Company  
c/o UnitSource Incorporated  
11184 Huron Street, Suite 16  
Denver, Colorado 80234

MAY 24 2013

Dear Mr. Woodroof:

The Greentown Unit Agreement, located in Emery and Grand Counties, Utah, was approved on May 24, 2013. This agreement has been designated No. UTU89379X and is effective the same date as approved.

This unit provides for the drilling of two obligation wells and subsequent drilling obligations pursuant to Section 9 of the unit agreement. The initial well is to be located in the NWNW of Section 36, Township 21 South, Range 16 East, SLB&M, Grand County, Utah, and drilled to a depth of 10,000 feet or a depth sufficient to penetrate 100 feet below the top of the Cane Creek Clastic Zone, whichever is less. The second well will be located in the SENE of Section 32, Township 22 South, Range 17 East, SLB&M, Grand County, Utah, and drilled to a depth of 9,200 feet or a depth sufficient to test 100 feet below the top of the Cane Creek Clastic Zone, whichever is less.

No extension of time beyond November 24, 2013, will be granted to commence the "initial obligation well" other than "unavoidable delay" (Section 25), where justified.

Approval of this agreement does not warrant or certify that the operator thereof and other holders of operating rights hold legal or equitable title to those rights in the subject leases which are committed hereto.

The basic information is as follows:

1. The depth of the test wells and the area to be unitized were approved under the unit plan regulations of December 22, 1950, by Bureau of Land Management letter of April 5, 2013.

2. All formations are unitized.
3. The unit area embraces 31,383.13 acres, more or less, of which 22,219.78 acres (70.80%) are Federal lands; 6,784.18 acres (21.62%) are State lands; 414.36 acres (1.32%) are Sovereign State Lands, and 1,964.81 acres (6.26%) are patented lands.

The following leases embrace lands included within the unit area:

UTU76479**	UTU84050*	UTU84943
UTU81227	UTU84051	
UTU82152	UTU84052	
UTU82153	UTU84054	
UTU82154	UTU84057	
UTU82155	UTU84067	
UTU82156	UTU84939*	
UTU82561	UTU84942	

\* Indicates lease to be considered for segregation by the Bureau of Land Management pursuant to Section 18 (g) of the unit agreement and Public Law 86-705.

\*\* Indicates non-committed lease.

All lands and interests are fully or effectively committed except Tract 1 and Tracts 26 - 54 totaling 3,523.09 acres (11.23%), which are not committed. Also, certain overriding royalty interest owners have not signed the unit agreement. All parties owning interests within this unit area were invited to join the unit agreement.

Unleased Federal land, Tract 18, totaling 2,212.17 acres (7.05%), is not committed, but is considered to be effectively controlled acreage because, prior to issuance of leases for the acreage, the lessee(s) may be required to commit to the unit agreement.

In view of the foregoing commitment status, effective control of operations within the unit area is assured. We are of the opinion that the agreement is necessary and advisable in the public interest and for the purpose of more properly conserving natural resources.

The Certification-Determination, signed by the School and Institutional Trust Land Administration for the State of Utah, is attached to the enclosed agreement.

Copies of the approved agreement are being distributed to the appropriate regulatory agencies. You are requested to furnish all interested parties with appropriate evidence of this approval.

If you have any further questions, please contact Judy Nordstrom of this office at (801) 539-4108.

Sincerely,

A handwritten signature in black ink, appearing to read "Roger L. Bankert". The signature is fluid and cursive, with the first name "Roger" and last name "Bankert" clearly distinguishable.

Roger L. Bankert  
Chief, Branch of Minerals

Enclosure:  
Unit Agreement

cc: UDOGM  
SITLA  
FFSL  
FOM – Price w/enclosure  
FOM – Moab w/enclosure

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>			
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-82153			
<b>1. TYPE OF WELL</b> Gas Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>  <b>7. UNIT or CA AGREEMENT NAME:</b> GREENTOWN			
<b>2. NAME OF OPERATOR:</b> PACIFIC ENERGY & MINING COMPANY		<b>8. WELL NAME and NUMBER:</b> FEDERAL 11-24			
<b>3. ADDRESS OF OPERATOR:</b> P.O. Box 18148 , Reno, NV, 89511		<b>9. API NUMBER:</b> 43019315750000			
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0665 FSL 1997 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SESW Section: 11 Township: 22.0S Range: 16.0E Meridian: S		<b>9. FIELD and POOL or WILDCAT:</b> WILDCAT  <b>COUNTY:</b> GRAND  <b>STATE:</b> UTAH			
<b>11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA</b>					
<b>TYPE OF SUBMISSION</b>  <input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 4/20/2014  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:  <input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:  <input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<b>TYPE OF ACTION</b>  <table style="width: 100%; border: none;"> <tr> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION         </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input type="checkbox"/> OTHER         </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input checked="" type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION          OTHER: <input style="width: 100px;" type="text"/> </td> </tr> </table>		<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>
<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>			
<b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b>  <div style="text-align: center; font-size: 1.2em;">See attached</div> <div style="text-align: right; margin-top: 20px;"> <b>Accepted by the Utah Division of Oil, Gas and Mining</b>   <b>Date:</b> April 21, 2014   <b>By:</b> <u><i>Derek Quist</i></u> </div>					
<b>NAME (PLEASE PRINT)</b> Tariq Ahmad		<b>PHONE NUMBER</b> 775 852-7444			
<b>SIGNATURE</b> N/A		<b>TITLE</b> Petroleum Engineer  <b>DATE</b> 4/15/2014			

Form 3160-5  
(April 2004)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB No. 1004-0137  
Expires: March 31, 2007**SUNDRY NOTICES AND REPORTS ON WELLS***Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.***SUBMIT IN TRIPLICATE- Other instructions on reverse side.**

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. <b>UTU 82153</b>
2. Name of Operator <b>Pacific Energy &amp; Mining Company</b>		6. If Indian, Allottee or Tribe Name
3a. Address <b>PO Box 18148, Reno, NV 89511</b>	3b. Phone No. (include area code) <b>775 852 7444</b>	7. If Unit or CA/Agreement, Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) <b>665 FSL, 1997 FWL SESW SEC 11, T22S, R16E, SLM</b>		8. Well Name and No. <b>Federal 11-24</b>
		9. API Well No. <b>43-019-31575</b>
		10. Field and Pool, or Exploratory Area <b>Wildcat</b>
		11. County or Parish, State <b>Grand</b>

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input checked="" type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	


13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

RIH with 2 7/8 N-80 tubing, set at 8100, swab well to test existing perfs at 8135-8136, 8142-8143

Swab well back to tanks. Test well. If Non commercial, set tubing at 6980 and perf CB2 and CB3 as follows:

CB2 7025-7032  
CB3 7102-7115

Flow test zones

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) <b>Tariq Ahmad</b>		Title <b>Petroleum Engineer</b>
Signature 		Date <b>04/15/2014</b>

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Title	Date
	Office	

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-82153
<b>1. TYPE OF WELL</b> Gas Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> PACIFIC ENERGY & MINING COMPANY		<b>7. UNIT or CA AGREEMENT NAME:</b> GREENTOWN
<b>3. ADDRESS OF OPERATOR:</b> P.O. Box 18148 , Reno, NV, 89511		<b>8. WELL NAME and NUMBER:</b> FEDERAL 11-24
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0665 FSL 1997 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SESW Section: 11 Township: 22.0S Range: 16.0E Meridian: S		<b>9. API NUMBER:</b> 43019315750000
<b>PHONE NUMBER:</b> 775 240-0769 Ext		<b>9. FIELD and POOL or WILDCAT:</b> WILDCAT
<b>COUNTY:</b> GRAND		<b>STATE:</b> UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 4/14/2014	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input checked="" type="checkbox"/> OTHER	
	OTHER: <input type="text" value="Test well"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Tested existing perms by flowing well into frac tank. Flowed for four hours made 118 bbls 37 gravity oil with no water.		
Accepted by the Utah Division of Oil, Gas and Mining <b>FOR RECORD ONLY</b> April 29, 2014		
<b>NAME (PLEASE PRINT)</b> Tariq Ahmad	<b>PHONE NUMBER</b> 775 852-7444	<b>TITLE</b> Petroleum Engineer
<b>SIGNATURE</b> N/A	<b>DATE</b> 4/28/2014	

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: March 31, 2007

**SUNDRY NOTICES AND REPORTS ON WELLS**

**Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

**SUBMIT IN TRIPLICATE- Other instructions on reverse side.**

1. Type of Well ☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator **Pacific Energy & Mining Company**

3a. Address  
**PO Box 18148, Reno, NV 89511**

3b. Phone No. (include area code)  
**775 852 7444**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**665 FSL, 1997 FWL SESW Sec 11 T22S R16E SLM**

5. Lease Serial No.

**UTU-82153**

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

**Federal 11-24**

9. API Well No.

**43-109**

10. Field and Pool, or Exploratory Area

**Greentown**

11. County or Parish, State

**Grand**

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleation in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

**RIH and set tubing at 8100. Flowed well for 3 hours and produced 118 bbls 37 gravity oil with no water.**

**Shut in well, waiting of production equipment.**

14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

**Tariq Ahmad**

Title **Petroleum**

Signature

Date

**04/28/2014**

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by \_\_\_\_\_

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB NO. 1004-0137  
Expires: July 31, 2010

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well      Oil Well      Gas Well      Dry      Other b. Type of Completion:      New Well      Work Over      Deepen      Plug Back      Diff. Resvr., Other: _____								5. Lease Serial No.	
								6. If Indian, Allottee or Tribe Name	
								7. Unit or CA Agreement Name and No.	
2. Name of Operator								8. Lease Name and Well No.	
3. Address						3a. Phone No. (include area code)		9. AFI Well No.	
4. Location of Well (Report location clearly and in accordance with Federal requirements)*  At surface   At top prod. interval reported below   At total depth								10. Field and Pool or Exploratory	
								11. Sec., T., R., M., on Block and Survey or Area	
								12. County or Parish	13. State
14. Date Spudded		15. Date T.D. Reached		16. Date Completed D & A      Ready to Prod.		17. Elevations (DF, RKB, RT, GL)*			
18. Total Depth:    MD TVD		19. Plug Back T.D.:    MD TVD		20. Depth Bridge Plug Set:    MD TVD					
21. Type Electric & Other Mechanical Logs Run (Submit copy of each)				22. Was well cored?      No      Yes (Submit analysis) Was DST run?      No      Yes (Submit report) Directional Survey?      No      Yes (Submit copy)					
23. Casing and Liner Record (Report all strings set in well)									
Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
24. Tubing Record									
Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	
25. Producing Intervals									
Formation		Top		Bottom		26. Perforation Record			
						Perforated Interval		Size	No. Holes
A)									
B)									
C)									
D)									
27. Acid, Fracture, Treatment, Cement Squeeze, etc.									
Depth Interval		Amount and Type of Material							
28. Production - Interval A									
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			➡						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			➡						
28a. Production - Interval B									
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			➡						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			➡						

\*(See instructions and spaces for additional data on page 2)

## 28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production ➔	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate ➔	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

## 28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production ➔	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate ➔	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

29. Disposition of Gas (*Solid, used for fuel, vented, etc.*)

## 30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

## 31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth

## 32. Additional remarks (include plugging procedure):

## 33. Indicate which items have been attached by placing a check in the appropriate boxes:

Electrical/Mechanical Logs (1 full set req'd.)	Geologic Report	DST Report	Directional Survey
Sundry Notice for plugging and cement verification	Core Analysis	Other:	

## 34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)\*

Name (*please print*) \_\_\_\_\_ Title \_\_\_\_\_  
Signature \_\_\_\_\_ Date \_\_\_\_\_

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on page 3)

(Form 3160-4, page 2)

RECEIVED: May. 05, 2014

## INSTRUCTIONS

**GENERAL:** This form is designed for submitting a complete and correct well completion/recompletion report and log on all types of wells on Federal and Indian leases to a Federal agency, pursuant to applicable Federal laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal office. If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, and all types electric), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal laws and regulations. All attachments should be listed on this form, see item 33.

**ITEM 4:** Locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local Federal office for specific instructions.

**ITEM 17:** Indicate which reported elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

**ITEM 23:** Show how reported top(s) of cement were determined, i.e. circulated (CIR), or calculated (CAL), or cement bond log (CBL), or temperature survey (TS).

## NOTICES

The Privacy Act of 1974 and the regulation in 43 CFR 2.48 (d) provide that you be furnished the following information in connection with information required by this application.

**AUTHORITY:** 30 U.S.C. 181 et seq., 351 et seq., 25 U.S.C. et seq.; 43 CFR 3160.

**PRINCIPAL PURPOSE:** The information is to be used to evaluate the actual operations performed in the drilling, completing and testing of a well on a Federal or Indian lease.

**ROUTINE USES:** (1) Evaluate the equipment and procedures used during the drilling and completing/recompleting of a well. (2) The review of geologic zones and formation encountered during drilling. (3) Analyze future applications to drill in light of data obtained and methods used. (4)(5) Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions.

**EFFECT OF NOT PROVIDING INFORMATION:** Filing of this report and disclosure of the information is mandatory once a well drilled on a Federal or Indian lease is completed/recompleted.

The Paperwork Reduction Act of 1995 requires us to inform you that:

The BLM collects this information to allow evaluation of the technical, safety, and environmental factors involved with drilling and completing/recompleting wells on Federal and Indian oil and gas leases.

This information will be used to analyze operations and to compare equipment and procedures actually used with those proposed and approved.

Response to this request is mandatory only if the operator elects to initiate drilling and completing/recompleting operations on an oil and gas lease.

The BLM would like you to know that you do not have to respond to this or any other Federal agency-sponsored information collection unless it displays a currently valid OMB control number.

**BURDEN HOURS STATEMENT:** Public reporting burden for this form is estimated to average 8 hours per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management (1004-0137), Bureau Information Collection Clearance Officer (WO-630), 1849 C Street, N.W., Mail Stop 401 LS, Washington, D.C. 20240.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires: January 31, 2004

**SUNDRY NOTICES AND REPORTS ON WELLS**

**Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

**SUBMIT IN TRIPLICATE- Other instructions on reverse side.**

1. Type of Well  
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator **PACIFIC ENERGY AND MINING CO.**

3a. Address  
**PO BOX 18148, RENO, NV, 89511**

3b. Phone No. (include area code)  
**775-852-7444**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**0665 FSL 1997 FWL, SESW SECTION 11, TOWNSHIP 22 S, RANGE 16 E, MERIDIAN SL**

5. Lease Serial No.

**UTU-82153**

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

**GREENTOWN**

8. Well Name and No.

**FEDERAL 11-24**

9. API Well No.

**43019315750000**

10. Field and Pool, or Exploratory Area

**WILDCAT**

11. County or Parish, State

**GRAND, UTAH**

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input checked="" type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

**Proposed reclamation (see attached) will be completed by September 30, 2016 unless Pacific submits APD's for additional wells to be drilled directionally on this site.**

**Reclaimed area will be seeded with seed mix from the BLM specifications.**

**Remaining exposed liner will be removed during the reclamation process.**

RECEIVED  
JUL 05 2016  
DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

**Dan Green**

Title **Engineer**

Signature

*[Handwritten Signature]*

Date

**6/30/2016**

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

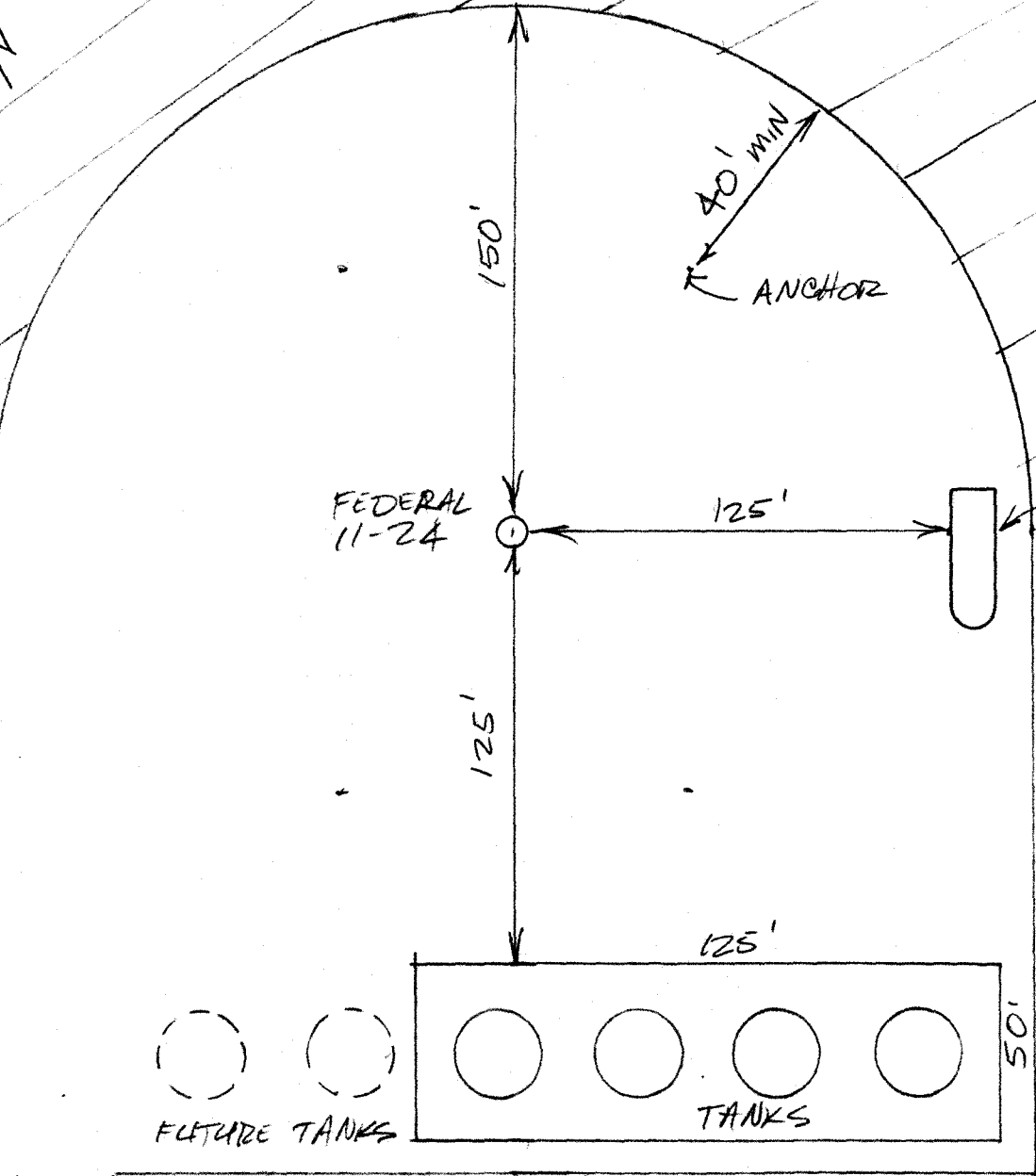
Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

INTERIM RECLAMATION

GREENTOWN FEDERAL 11-24



ROAD